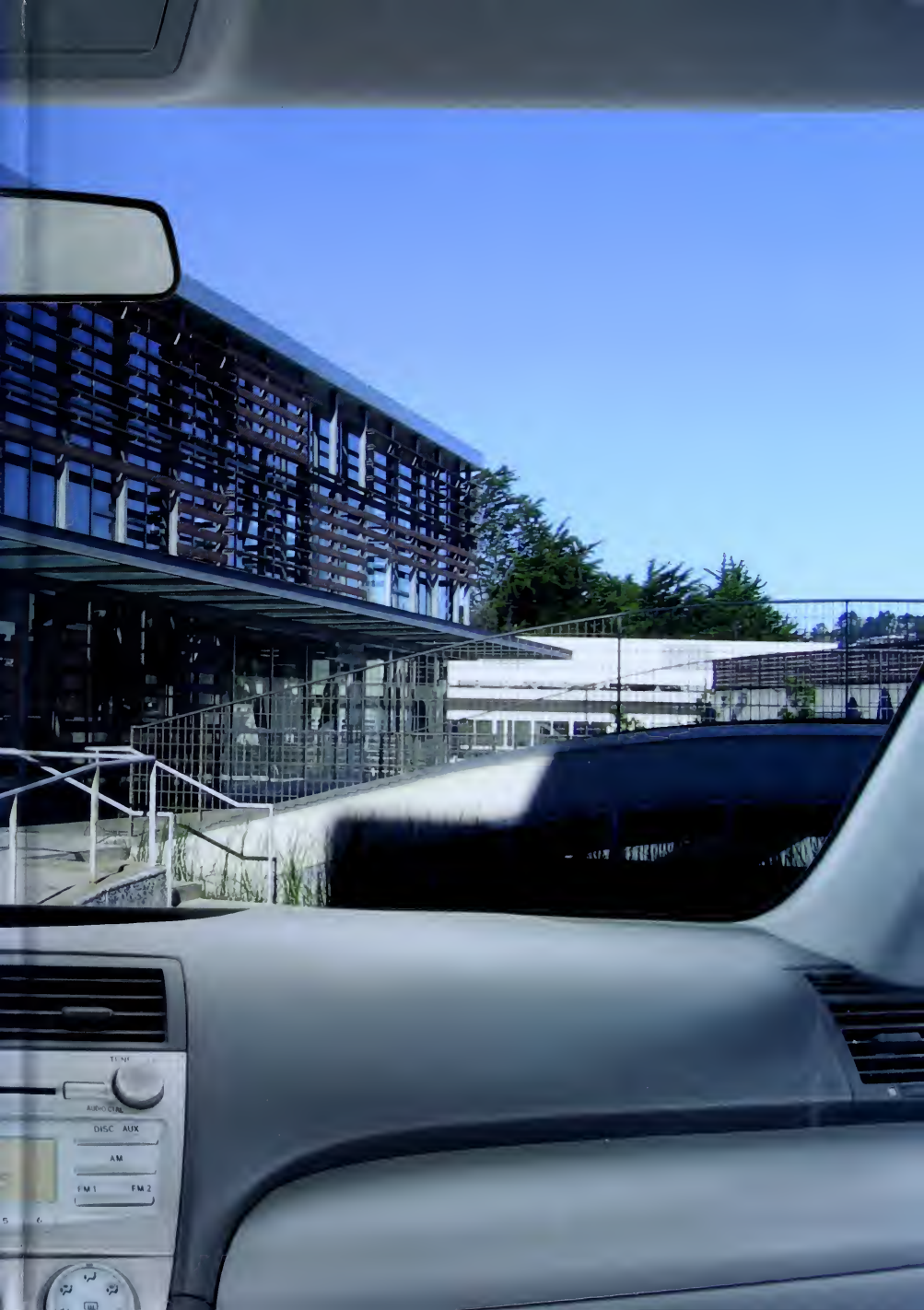
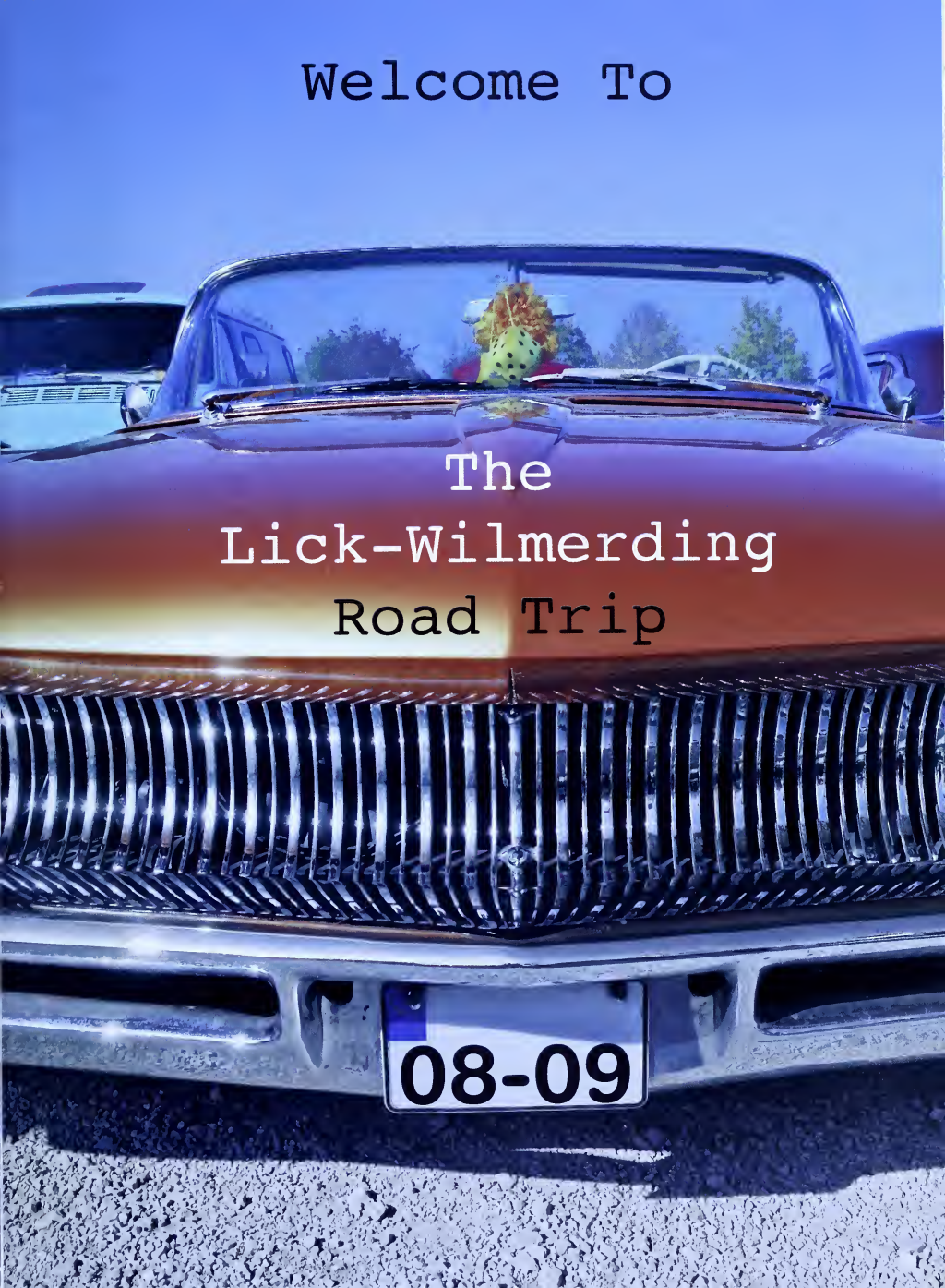

TUNE
AUDIO CTRL
DISC AUX
AM
FM 1
FM 2

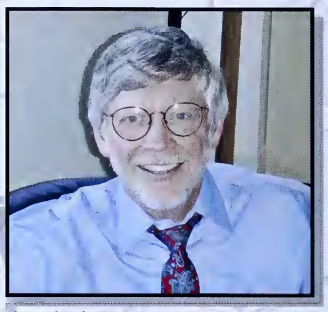
Tilburg
Breda

Digitized by the Internet Archive
in 2013

http://archive.org/details/tiger2009lick


Welcome To
The
Lick-Wilmerding
Road Trip
08-09

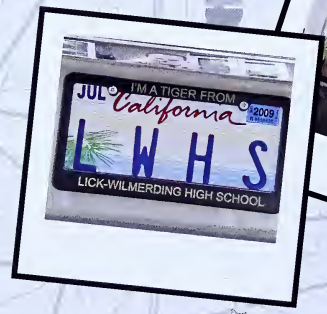
Thanks from Dr. Adams



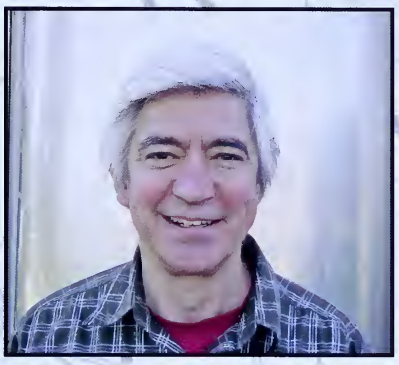
Dear Class of 2009,
There are many essential elements of a great road trip, including an alluring destination, the right companions, ample time, a road-worthy vehicle, smooth and uncluttered highways and fun, inspiring stops and detours along the way.

Clearly, your years at Lick represent a significant segment of your personal BIG ROAD TRIP, that is, your life's journey. And, I do believe that the essential elements I mention above have all been in place for you during your time on Ocean Avenue. But the one I want to highlight here is that of having the right companions. Not only have you been wonderful fellow travelers for one another; you have also been fabulous companions for faculty, staff, administrators and underclassmen.
In that regard, I thank you for all you have brought to Lick. Always positive in your outlook, you have demonstrated tremendous creativity, determination, flexibility, resiliency and generosity-of-spirit. As the pioneers of our "reshaped high school," you have risen to every challenge and have provided both inspired and inspiring leadership. It is hard to imagine a class that has ever been more "Lick-like," in every way. I am going to miss you but will also follow your BIG ROAD TRIP with great interest and admiration.
Bon voyage!

Love,
Dr. A.



Teacher Dedication



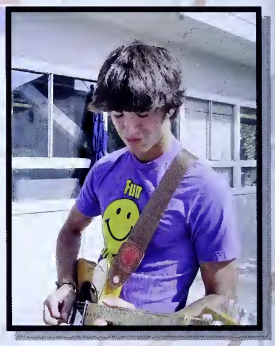
A dedicated phot-e-ographer, a gentleman, and a scholar, Mr. Sanborn has been a prominent figure in the Lick community whether he has been your teacher or just greeted you in the hall with an extravagant smile, wave, and bow.

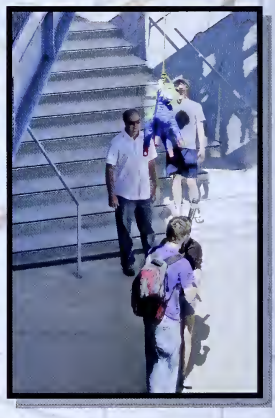
Graduating from the class of 1970, Mr. Sanborn has always had a love for the arts and outdoors. Since returning to Lick, Mr. Sanborn has been able to share his passions and experiences with his students.
He has never been one to bore the students and faculty. He has been seen sharing drawings of cows that he did, staying after school to help students with their photos, reading his classes a daily poem, or sporting a corduroy blazer and bolo tie. Mr. Sandborn educates people on the art of opera and entertains them with his plethora of knowledge and stories. He motivates students to explore art and celebrates the different photos they create.

Mr. Sanborn, thank you for your positive attitude and support that you bring to Lick. Your amazing attitude and patience, mixed with the love of art that you have, has been appreciated be all of your students or those lucky enough to have stumbled in your path.

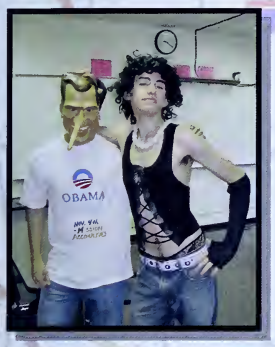
CLASS OF 09 will miss you.

Lick-Wilmerding

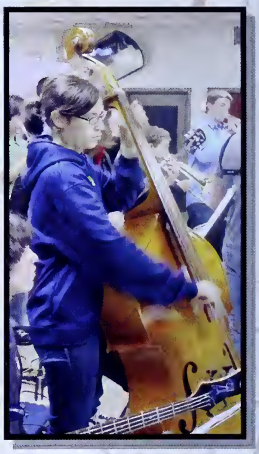


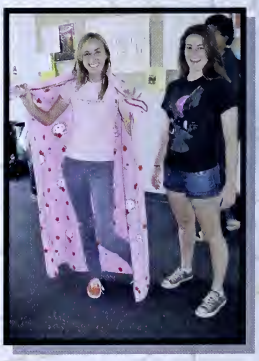


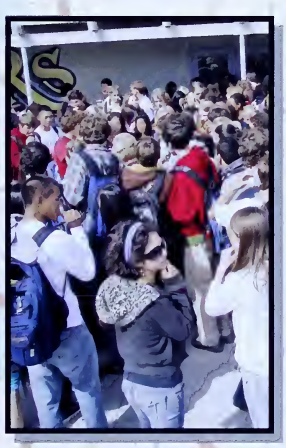
Student Life



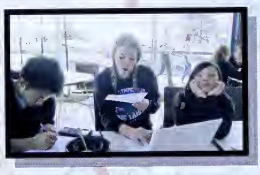
STUDENT LIFE

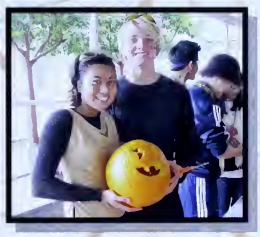




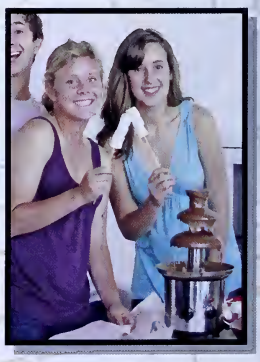


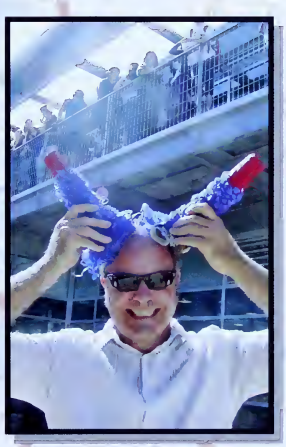
Student Life

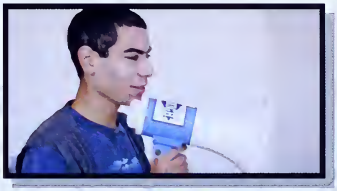




Student Life

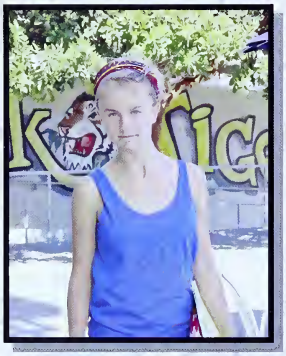


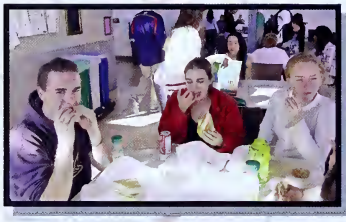




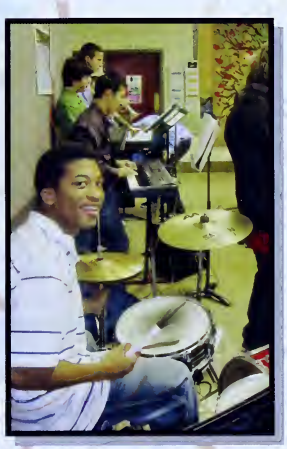
VOLLEYBALL
VS.

STUDENT LIFE



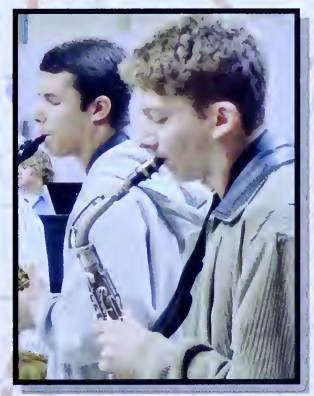


McCAIN
PALIN



ASIA

STUDENT LIFE



Yearbook Staff

Shana Murraywolf

Mariah Napoles

Gabriella San Diego

Dedication by

Special thanks to: Ceil Cutler, Jonathan Mergy, Zoe Marmer, Laurie Russell, Christy Godinez and Robin von Breton. We would not have been able to complete this yearbook without your help and support.

Maximilian Betkowski

Catie Deliso

HONG

Saba Fazeli

Emily Hills

Sean Hurd

Christine Jian

Ian Johnston

Evan Korn

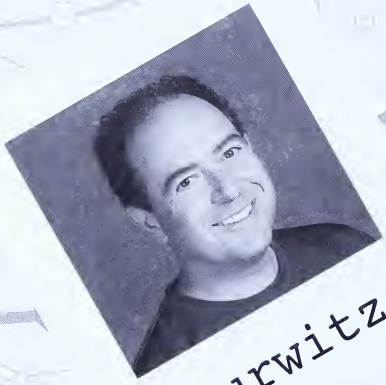
Ashley Lau

Hayley Lew

Rebecca Rinehart

Anthony Shaw

Taylor Welsh



Hurwitz

Alejandra Alvarez

Kai Kane Aoki Lzu

Tianlee Chu

Amelia Desnoo

Alexander Fraknoi

Javonte Holloway

Claire Koerschen

Thomas Masotto

Robert Ostrow

Rachel Prensky-Pomeranz

Kathleen Schoeneweis

Katharine Waters

Jefferson Woods

Class of 2012

Clay Anderson

Edward Hadeler

Katznelson

Oscar Klausner

Sophie Macks

Madeline McBride

Ariella Neckritz

Denise Ramirez

Rebecca Schuchat

Caesar Soledad

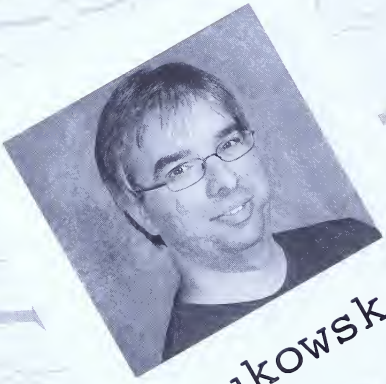
Stanley Tsz Kuen Tsui

Alexander Urry

Francesca Zepeda

SPEED LIMIT 25

Class of 2012



Krukowski

Ian Borden

Trieste Devlin

Andie Eisen

Sabrine Haroun

Kyle Huang

Joseph Lindblom-Masuwale

Angela Liu

Sara Peletz

Lauren Schumb

Hansoo Song

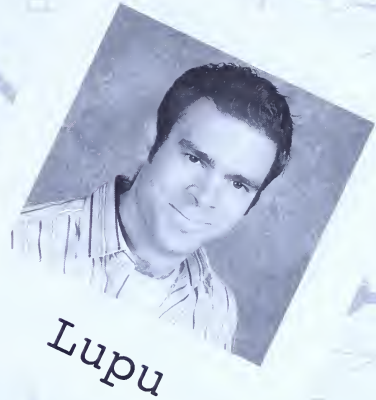
Chiara Wabl

William Worm

Lucas Zeppetello

Dimitri Barton

Justin Ching


Lupu

Ruth Dreisbach

Eric Gorlin

Daniele Hollander

Michael Kreher

Julius Lee

Lillian Marx

Kaila Perez

Phillip Stone

Emerald Woods

Brenda Young

BUMP

Class of 2012

Nauss

Emma Arnesty-Good

Jacob Badger

Lucia Calthorpe

Jasmine Ehrhardt

Drew Forrest

Zachary Hartzell

Dennis Huynh

Mulan Leong-Suzuki

Jocelyn Mayoral

Simone Metague

Gregory Rousso

Shahada Shabazz

Nigel Smikle

Jalen Allen

Isaiah Boone

Pellicier

Olivia Burr

Jezi Correa

Nicholas Corson

Jessica Dimas

Lucas Howard

Bo Yan Moran

Jeremy Moser

Nicholas Peterson

Kelsey Schlueter

Kate Storey-Fisher

Class of 2012

Poljak-Hoy

Michela Agoglia

Emma Brenner-Bryant

Kristofer Chan

Jessica Erlich

Madeline Hung

Amira Lundy-Harris

Gabriel McCulloch

Pedro Padilla

John Ribeiro-Broomhead

Brianna Robinson

Ana Tanner

Trey Tickner

Kirill Volchinskiy

Class of 2012

Raven Carson

Kevin Davenport

Villicana

Reyznho Deonizio

Akari Goda-Maurezzutt

Ethan Goldstein

Lucia Iglesias

Lisel Joseph

Jaclyn Kimball

Neaka Mohtashemi

Maya Siu

Paolo Yumol

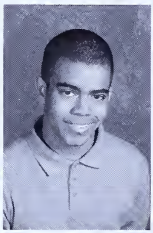
Joseph Zavala

Class of 2012

Ashenfelter

Nicholas Brownrigg

Emma Devereux

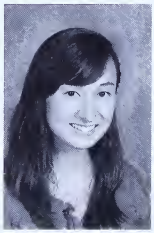


Tomas Fuentes Afflick

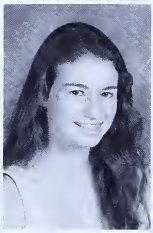
Daniel Gorham

Maggie Hardy

Jose Hernandez



Feibi McIntosh



Hillary Mellin

Rebekah Montz

Demetrius Reagans

Taryn Riemer

Kayla Abe

Vanessa Altamirano

Hammann

Rai'Nani Banks

Joseph Begun

Chet Brown

Selena Buzinky

Timothy Defreitas

Nicole Gilmore

Anna Haugen

Daniel Herzstein

Joey Wong

Class of 2011

Nathanson

Freidus

Izzie Banks

Darren Chu

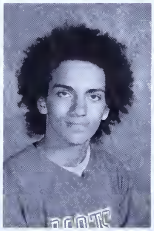
Naomi Kosman-Wiener

Vincent Lopes

Nora Mueller

Zoe Soter

Wesley Sparagon



Jason Swinderman

Darren Yee

Katie Zaney

Erik Battista

Dario Garcia-Dominguez

Osipova

Jeffrey Kaminsky

Eliza Kingsley-Ma

Joaquin Magana

Joshua Moser

Keara O'Doherty

Samantha Park

Maida Paxton

Kira Walker

Hannah Wong

Class of 2011

Rizzi

Caleb Banks

Gillian Cooper

Anna Dittmann

Carlos Duran-Velasco

Tori Fukumitsu

Yonah Levy

Anya Richkind

Connor Rosen

Zoey Surdis

Laura Webber

Stephanie Willemsen

Zoe Begun

Nathan Chan

Ruzhinsky

Larisa Faktorovich

Ashkon Farhangi

Jody Fu

Alison Polite

Alma Ruznic

Jacob Stier

Granger Tripp

Benjamin Wachs

Ryland Webb

Class of 2011

Sichi

Izabel Arnold

Haley Best

Julia Chambers

Brendan Gee

Cameron Heller

Leo Linden

Zack Moore

Daniel Plautz

Gelyna Price

Manuel Rodriguez

Raven Tolbert

Alyssa Altamirano

Aislinn Bailey

Smith

Daniel Baldocchi

Dare Bodington

Justin Loustau

Brianna San Diego

Leah Sherman

Ian Theriault-Shay

Michael Yuen-Hurwitz

Triggs

Daniel Costa-Roberts

Risa Egerter

Chrissa Gaines

Jeannette Hanna

Annika Holmlund

Maguire Mealy

Standish O'Grady

Ariella Simke

Lucio Tan

SPEED LIMIT 25

Cyrus Wesson

Hewett Yip

Waylin Yu

Ava Benezra

Zachary Bivins

Zapatero

Tianrae Chu

Jesse Elkin Rubin

Georgia Gillan

Kishan Jay

William Page

Brittany Riddick

Philip Scott

Gregorio Vidaca

Anderson

Alicia Callejo Black

Sydney Carson

Teija Corse

Thuto Durkac Somo

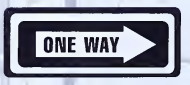
Liliana Felder

Kavon Karrobi

Jared Leung

Drue Mirchand

Eliana Pera



Leela Chantrelle

Haden Cory

Clifford

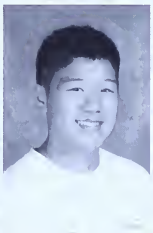
Lillian Dobberteen

Emily Duh

Alejandra Garcia

Sarah King

Hannah Korn


Garrick Lee

Kelly Lee

Evan Pellervo

Michaela Shiloh

Yannick Tysl

Class of 2010

Liu

Dashiell Bodington

Peter Callejo-Black

Shawna Chan

Miriam Gershenson

Aaron Goldstein

Michael Hendrickson

Emma Miller

Lena Rogow

Kayla Ungar

Hanna Wintz

Noah Aust

Brendan Chan

Mayotte

Allison Chow

Sarah Haizlip

Jessie Hernandez

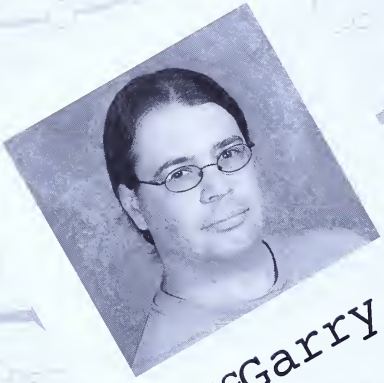
Bruno Mello

Julianna Mendoza

Tomas Moreno-Johnson

Isabel Odean

Matthew Waters



McGarry

Michael Blumberg

Aimee Fung

Grace Leong

Anthony Lo Giudice

Ethan Marks

Catherine McNelley

Paul Moran

Amara Wilson

Daniela Yuschenkoff

Rachel Zeleke

Hilary Anderson

Olivia Evans

Merk

Eli Gross

John Grover-Roybal

Will Hitz

Jeremy Marks

Maia Moog

Theo Rosenthal

Corey Roth

Leah Simke

Maddy Simpson

Class of 2010

Pulido Duarte

Dylan Adams

Kristina Bergquist

Carlos Carranza

Traci Chang

Kimberly Chavez

Ian Day

Nicolas Dubon

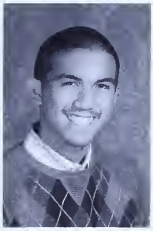
Phoebe Joseph

David Joseph-Goteiner

Sarah Roach

Caroline Wong

Danny Brosnahan


Christopher Cruz

Solis

Sarah Durney

Marisa Hall

Jasmine Leoung

Olivia Levine

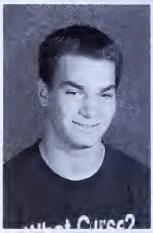
Katherine McBride

Chansoo Song

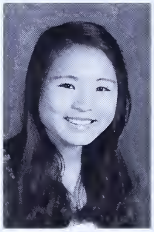
Matthew Wittlin

Voskoboynikov

Ashley Bach



Nicholas Burton



Emily Chang

Jonathan Loke

Camille Macrae

Nathan Pastor

Jeremy Shar

Jasmyn Welch

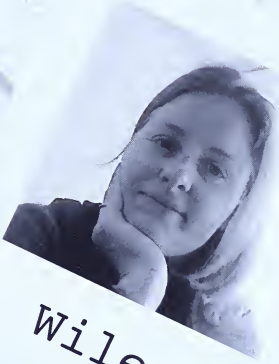
Brandon Whitney

Sophia Wilson

Beverly Xu

Elizabeth Evans

David Fleming



Wiley

Matthew Foley

Logan Hollarsmith

Chelsea Kaufman

Beverly Li

Relicque Lott

Kevin Malta

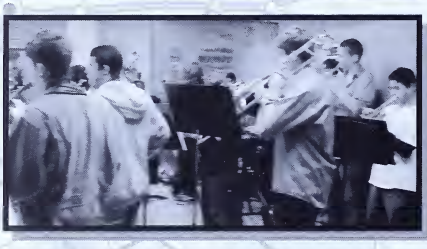
Emily Lauryn Masangcay

Jessica Sykes

Evan Wiener

Class of 2010

Community Service



HOME OF THE
TIGERS

Student Council

Executive Council

Co-Presidents:
Misha Hurd, Matthew Grumbach

Vice President:
David Fleming

Secretary:
Emily Duh

Treasurer:
Ashley Bach

Community Networker:
Jamie Yuen-Shore

Class Representatives

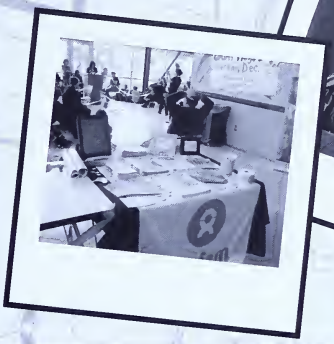
Seniors:
Livy Low, Zoe Marmer, Alice Tripp

Juniors:
Jessica Sykes, Oliia Levine, Beverly Li

Sophmores:
Jeff Kaminsky, Kayla Abe, Anya Richkind

Freshman:
Maximilian Betkowski, Kaila Perez, Rachel Prensky-Pomeranz, Evan Korn

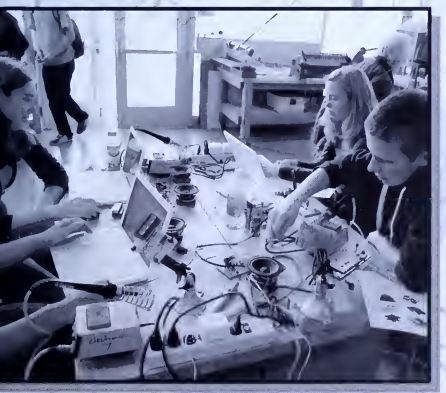
Oxfam Hunger Banquet



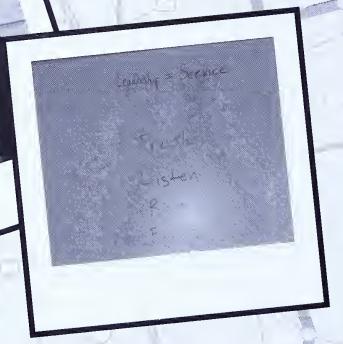
The annual Oxfam Hunger Banquet event gives Lick community members the opportunity to experience hunger issues through simulation and discussion. Each participant is assigned to a social class and a world area. Their assignment not only dictates where they sit and what they eat, but also, what experience they have. The discussion that follows the event gets students to think and talk about world hunger issues. In particular, participants explore the inequalities in the distribution, amount, and quality of food across the globe.

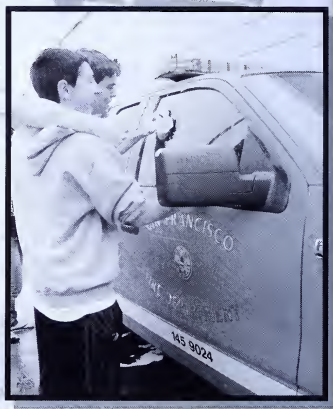
Technical Arts

METAL

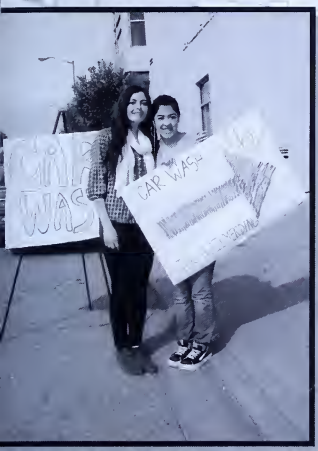


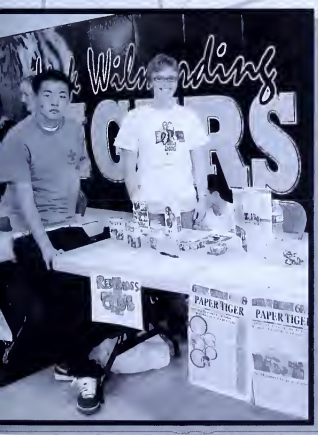
L-W Clubs


Leadership = Service
Respect
Listen

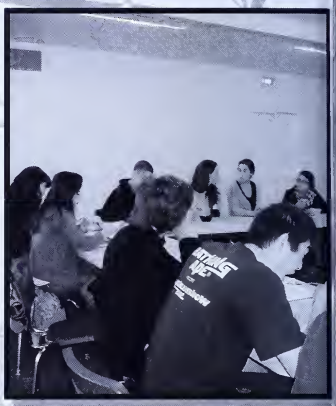

SAN FRANCISCO
145 6024

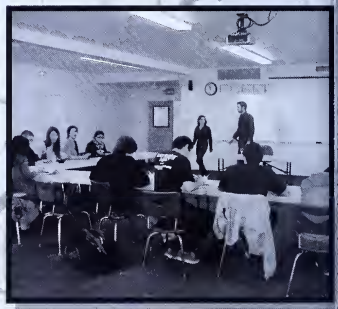
ACTION
L O

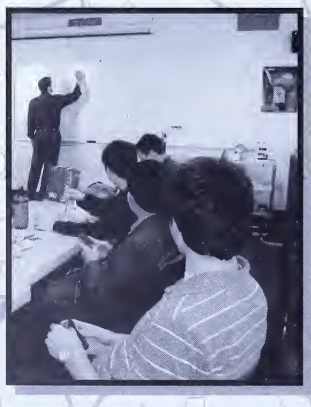

CAR WASH

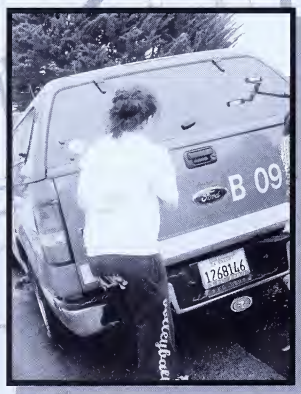

PAPER TIGER
PAPER TIGER

Clubs





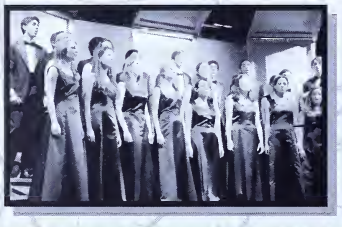




Clubs at Lick

A.S.I.A Club (Asian Students In Alliance)
Agape Club
Anime Club
Annual Fund Phonathon
Basketball Club
Black Student Union
Cha Cha Cha
Chess Club
Climbing Club
Club Project Phoenix
Community Action Club
Current Play
Dance Committee
Dante Club
Debate Club; JSA
Democratic Forum
Dodgeball Club
Economics Club
Environmental Club
Family Community Service Committee
Gay-Straight Alliance
HAPA Club
Hardcorps
Henna
Jewish Student Union
Knitting Club
L-WOW
Latinos Unidos
Library Volunteers
LITMAG
Math Club
MEAT Club
New York Alumni
Obama for Change Club
Origami and Paper Crafts
Outdoor
Paper Tiger
Philosophy Club
Ping Pong Club
Red Cross
S.P.E.A.K.
Science Bowl Club
Smash Bros. Club
Social Justice Club
Stagecrew Club
Student Government
Trustees
Ultimate Frisbee
Writing Club
Yearbook Club 2008-2009
Youth Action Research Network

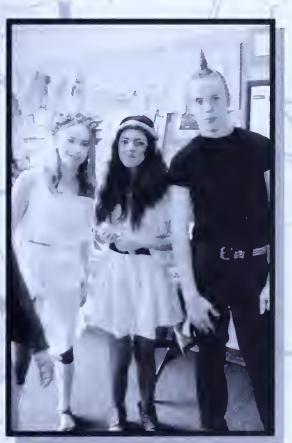
Orchestra/ Choral Concert



Jazz "Raising The Roof"

Howth Street Dance

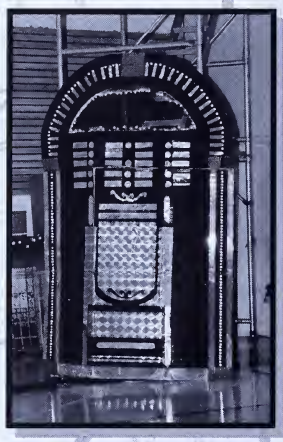
Halloween



Fall Play:
A Midsummer Night's Dream

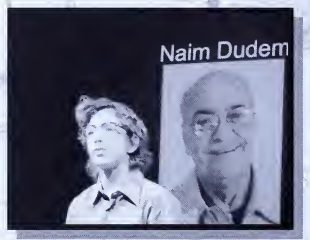
Winter Formal

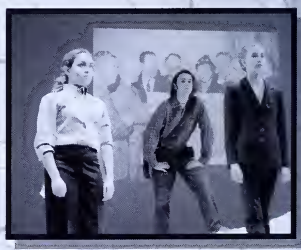
Sock Hop

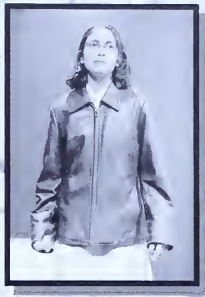


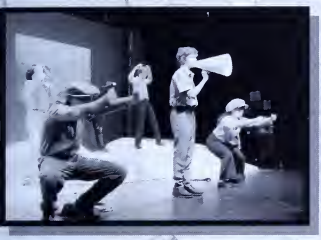
Friday Night Lights

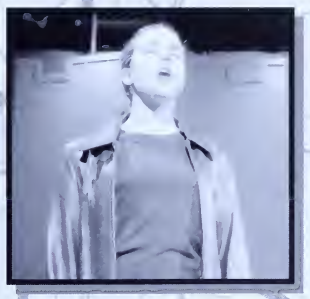
Spring Play











21st Annual Original One Acts

How to be P.C.
By Connor Rosen
Directed by Julia Tejeda

MR. ANDERSON: Noah Aust
MS. GUILBAUT: Jessica Sykes
MR. PETERS: Aaron Goldstein
SECURITY GUARDS: Daniela Yuschenkoff,Jaki Kimball

My Buddy: The Chronicles of a Man Who was Much too Friendly for Comfort
By Matt Foley and Peter Callejo-Black
Directed by Justine Hong

ADAM: Gabe McColloch
GUS: Joseph Begun
BEN: Theo Rosenthal

The Devil
By Paolo Miguel Yumol
Directed by Sasha Mironov

DEVIL:Maddie Barasch
ADAM:Darren Chu
ENSEMBLE:Olivia Evans
Hallie Travis
Gabe Lehrman
Alicia Callejo-Black

In the Morning
By Connie Castillo
Directed by Maria Kong

JAKE: Kelly Lee
ELLA: Emma Smart

21st Annual Original One Acts

Eleanor Rigby (Lonely People)
By Chansoo Song and Kelly Lee
Directed by Emily English

ELEANOR: Ava Benezra
FATHER MCKENZIE: Jeff Woods
JUDE: Kayla Abe
MAXWELL: Connor Rosen

Osiris
By Kielan Crow
Directed by Maria Kong

OSIRIS: Max Porter
FLASHBACK OSIRIS: Peter Callejo-Black
DELILAH: Chelsea Kaufman

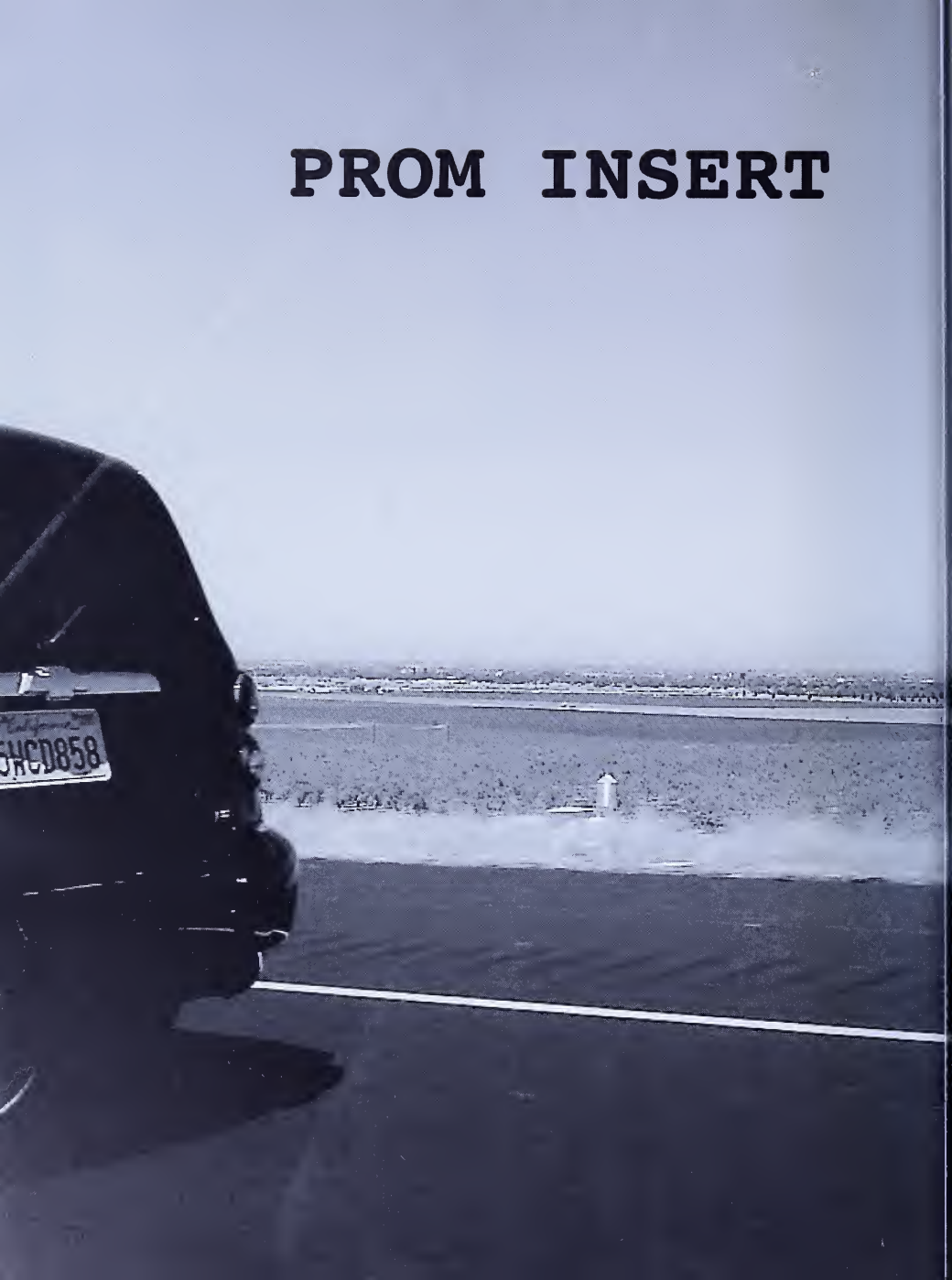
Labor's Love is Lost
By Dylan Adams
Directed by Gabriella San Diego

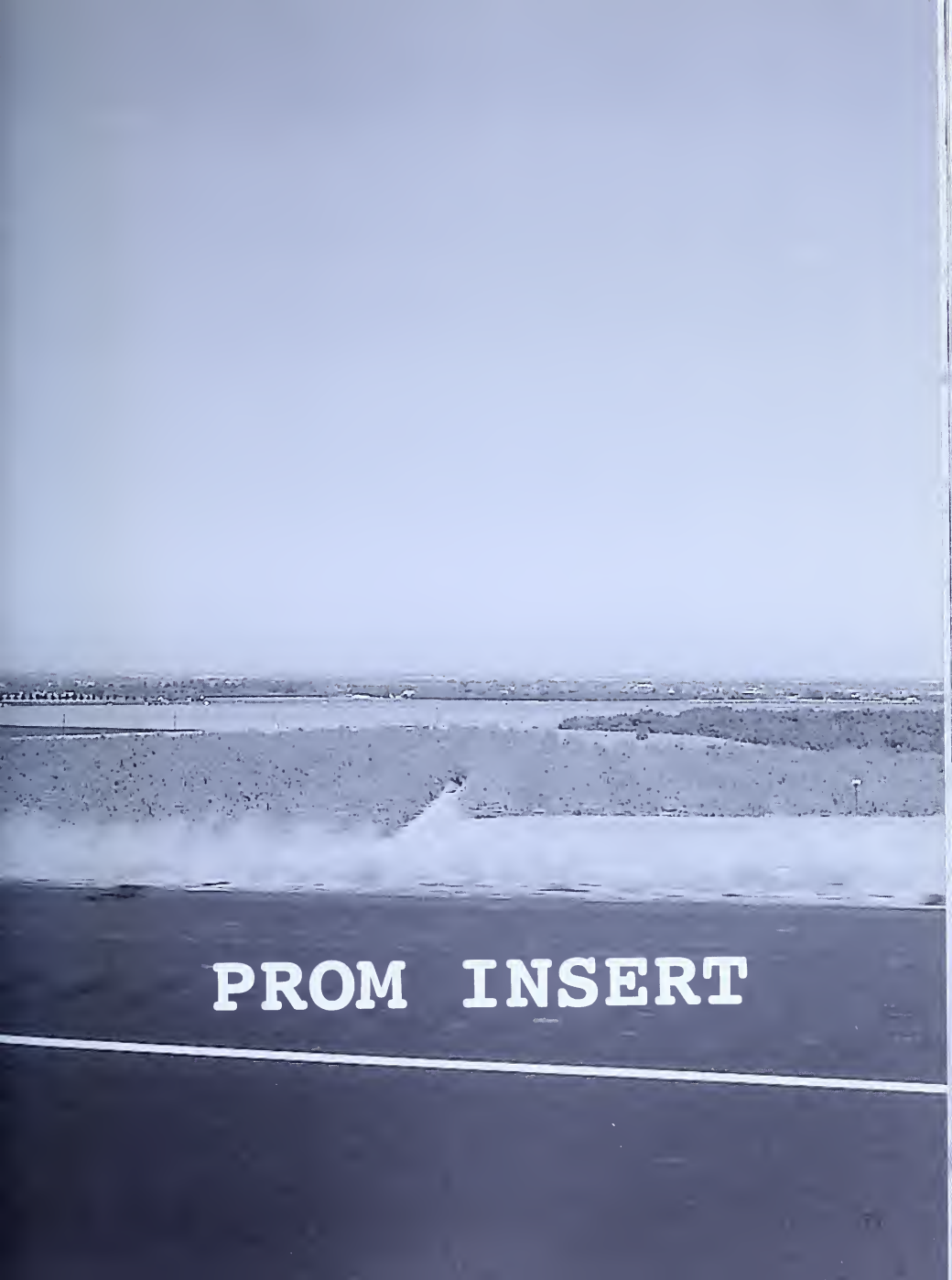
CASEY McDougal: Beverly Li
SEAN O'Brien: Sam Sugarman
Erica Valentina: Feibi McIntosh
MICKEY King: Ethan Goldstein
JERRY Peer: Kielan Crow
Laura Spellacy: Lena Rogow
SCOTT Johansen: Chansoo Song

Looking for Christ
By Katie Zaney
Directed by Alice Tripp

FRIDAY: Zoe Marmer
EMERSON: Tomas Moreno-Johnson

PROM INSERT




PROM INSERT

Golf Team

Back Row: Tori Fukumitsu and Jeff Kaminsky
Front Row: Jeremy Moser and Josh Moser
Head Coach: Walt Bugler

JV Girls Soccer

ack Row: Emma Arnesty-Good, Lauren Schumb, Becca Schuchat, Katie Waters, Chiara Wabl, Raven arson, Jessica Dimas
iddle Row: Ariella Neckritz, Kelsey Schlueter, Kate Storey-Fisher, Zoe Soter, Jezi Correa, ejandra Alvarez
ront Row: Brianna San Diego and Michela Agoglia
ead Coach: Marissa McCarthy

Frosh Soph Boys Soccer

Top Row: Standish O'Grady, Darren Yee, Edward Hadeler, Kirill Volchinskiy, Anthony Shaw, Nicholas Peterson, Justin Ching **Middle:** Julius Lee, Stanley Tsui, William Worm, Xander Masotto, John Ribeiro-Broomhead, Hansoo Song, Ian Borden **Bottom:** Trey Tickner, Drew Forrest, Oscar Klausner, Gregory Rousso, Alexander Fraknoi
Head Coach: Eliot Smith

J.V. Boys Soccer

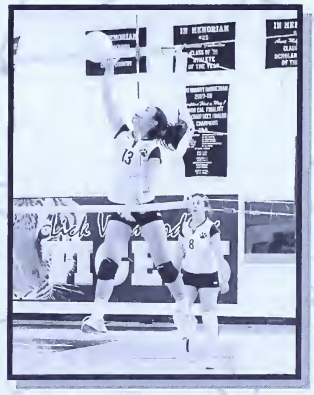
Top: Nick Dubon, Danny Costa-Roberts, Matt Foley, Dan Plautz, Kishan Jay, Reyzinho Deonizio, Dimitri Barton **Middle:** William Page, Jared Leung, Jeremy Marks, Kevin Malta, Ashkon Farhangi, Dylan Adams **Bottom:** Anthony Lo Giudice, Chet Brown, Kavon Karrobi, Chanson Song, Lucas Howard
Head Coach: Alex Jospe
Assistant Coach: Doug McCollum

J.V. Tennis

Top: Alison Polite, Rebecca Rinehart, Emily Hills, Emma Arnesty-Good, Bo Yan Moran
Bottom: Mickey Agoglia, Taylor Welch, Daniele Hollander, Kayla Abe, Kate Storey-Fisher
Head Coach: Gloria Yim

J.V. Volleyball

op: Julie Mendoza, Daniela Yuschenkoff, Izzy Banks, Emily Duh
iddle: Jessica Erlich, Claire Koerschen, Anglea Liu, Katie Waters, Janet Wong
ottom: Jocelyn Mayoral, Kim Chavez, Hanna Wintz, Brenda Young, Brianna San
iego
ead Coach: Zoe Catsiff



Cross Country

Top: Dash Bodington, Maguire Mealy, Nik Yougsmith, Owen Adams, Brendan Gee, Robbie Ostrow, Ian Day **Second:** Dare Bodington, Dario Garcia-Dominguez, Michael Kreher, Matt Grumbach, Tori Fukumitsu, Connor Rosen, Tianlee Chu, Sam King, Ryland Webb **Third:** Liam Murphy, Eric Gorlin, Caesar Soledad, Logan Hollarsmith, Tianrae Chu, Jalen Allen, Vinny Lopes, Kyle Huang, Jose Hernandez **Fourth:** Raven Carson, Leah Sherman, Claire Ashcraft, Annika Holmlund, Sara Peletz, Olivia Evans, Eliza Kingsley-Ma, Selena Buzinsky **Bottom:** Kelsey Schlueter, Maia Moog, Rachel Prensky-Pomeranz, Sophia Wilson, Jaki Kimball, Iris Claytor, Kaila Perez
Head Coach: Andy Hammann
Assistant Coach: Lillian Gardiner

2065

2061

2040

2057

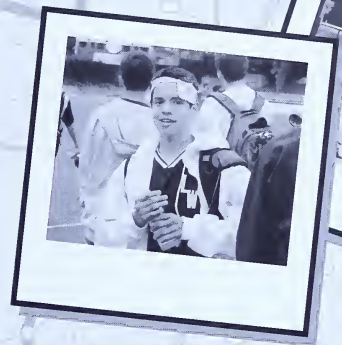
2059

2069

2065
2058

Boys Varsity Soccer

Top: David Fleming, Daniel Watson, Jeremy Lyon, Andres Fuentes-Afflick, Doug Wachter, Kielan Crow, Peter Callejo-Black, John Grover-Roybal, Emilio Zand, Scott Shoemaker, Mike Hendrickson **Bottom:** Carlos Velasco, Max Marmer, J.R. Wong, Corey Roth, Ryan Wallett, Carlos Carranza, Ned Devereux, Leo Linden, Andrew Manansala.
Head Coach: Matt Kurnick
Assistant Coach: Jared Green



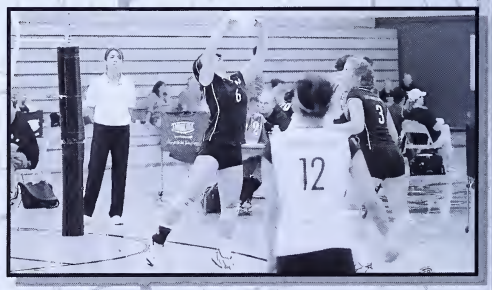
BM
Francisco

Girls Varsity Tennis

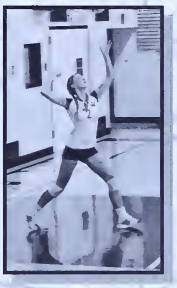
Top Row: Erika Kaneko, Montana Feiger, Laurie Russell, Phoebe Joseph, Hilary Anderson, Jessie Hernandez
Bottom Row: Pia-Maria Bododea, Madeline McBride, Samantha Park, Maddie Hung, Emma Devereux, Elizabeth Evans
Head Coach: Kelly Hickey

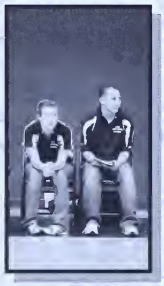
Girls Varsity Volleyball

Top: Stephanie Willemson, Shana Murraywolf, Sarah King, Alicia Callejo-Black, Jessica Sykes
Middle: Kirsten Hameister, Emily Masangcay, Jody Fu, Sarah Bindman, Mia Marshall
Bottom: Hanako Tanozuka, Shawna Chan, Hannah Wong, Emily Chang
Head Coach: Erwin Chu
Assistant Coach: Spencer Yu



LICK-WILMERDING



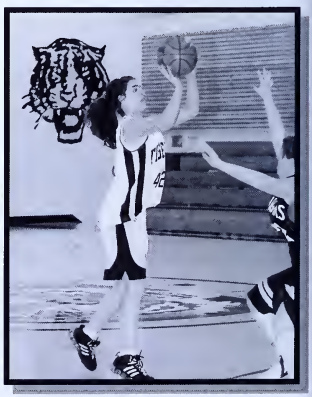


HOME OF THE
TIGERS

Welcom

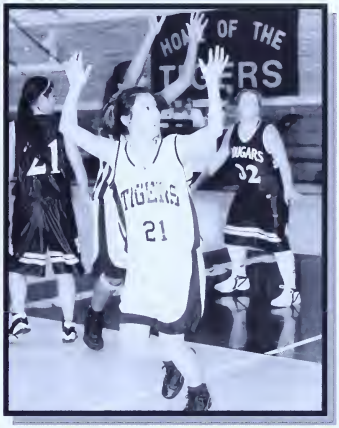
Varsity Girls Basketball

Top: Brianna San Diego, Julie Mendoza, Misha Hurd, Emma Brenner-Bryant, Sarah King, Julie Miller, Zoe Surdis, Kirsten Hameister, Kaila Perez, Allison Chow.
Bottom: Brenda Young, Hayley Lew, Traci Chang, Hanako Tonozuka
Head Coach: Walt Bugler



44

TIGERS
21


HOME OF THE
TIGERS
21
32

COUGAR
32

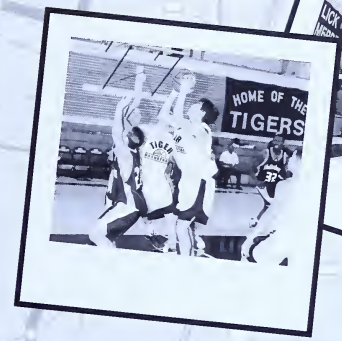
3
44

5

Varsity Boys Basketball

Top: Andres Fuentes-Afflick, Kishan Jay, Max Blachman-Gentile, Eli Gross, Matt Waters, Matt Wittlin, Sam Sugarman, Evan Wiener.
Bottom: Brendan Eng, Andrew Manansala, Daniel Watson, Corey Roth.
Head Coach: Elliot Smith
Assistant Coach: James Woods

HOME OF THE


HOME OF THE
TIGERS

23

LICK
WILMERDING

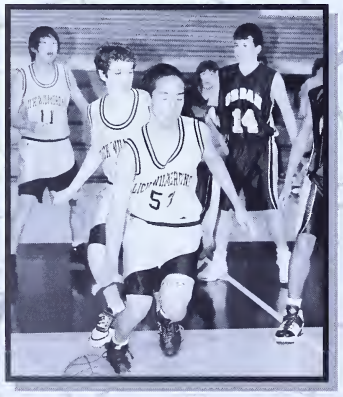
LICK

32

35

Boys Freshman Basketball

Top: Evan Korn, Eric Gorlin, Lucas Zeppetello, Tori Fukumitsu, Tianlee Chu, Dennis Huynh, Caesar Soledad
Bottom: Kyle Huang and Alex Fraknoi
Head Coach: Eliot Smith

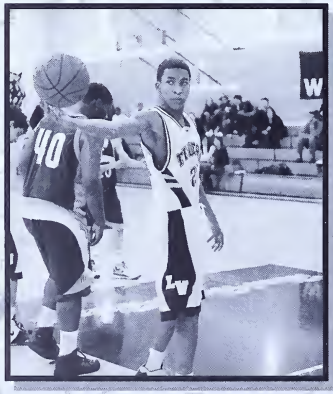


Boys Frosh/Soph Basketball

p: Jalen Allen, Maximilian Betkowski, Ian Johnston, Edward Hadeler, Anthony Shaw, seph Zavala, Lucas Howard, Cyrus Wesson
ttom: Drew Forrest, Sean Hurd, Jeremy Moser
ad Coach: Eric Daniels

JV Boys Basketball

Top Row: Tomas Fuentes-Afflick, Nick Burton, Jeff Kaminsky, Isaiah Boone, Danny Baldocchi, Jesse Elkin Rubin, Benjamin Faustine, Granger Tripp, PJ Stone
Front Row: Josh Moser, Anthony Lo Giudice, Daniel Herzstein
Head Coach: Christopher Brennan

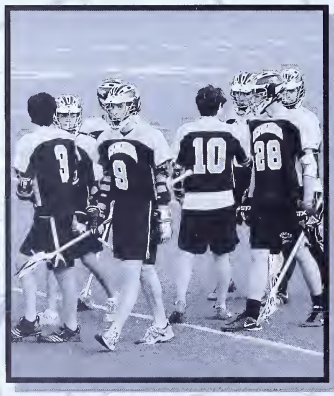


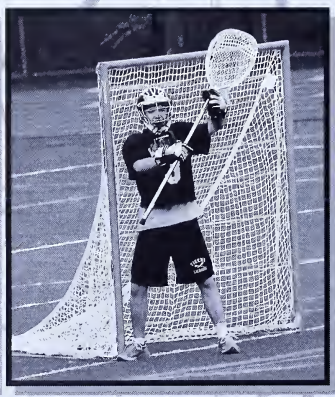
JV Girls Basketball

op Row: Jeannette Hanna, Katie Waters, Olivia Levine, Jody Fu, Alyssa
ltamirano, Sara Peletz, Feibi McIntosh
ead Coaches: Dave Lara and Jose Mendoza

JV Boys Lacrosse

Top: Yonah Levy, Dare Bodington, Maguire Mealy, Edward Hadeler, Standish O' Grady,
Middle: Ryland Webb, Caesar Soledad, Nicholas Peterson, Lucas Howard , Ian Borden, Waylin Yu
Bottom: Dimitri Barton
Head Coach: Dan Vasquez





JV Boys Tennis

Top: Wesley Sparagon, Zachary Bivins, Daniel Herzstein, Jared Leung, Dario Garcia-Dominguez
Front: Alexander Urry, Kyle Huang, PJ Stone
Head Coach: Gloria Yim

Varsity Boys Tennis

Top: Randy Zellerbach, Julian Tucker, Jonathan Loke, William Creagar, Cheston Wong, Colton Pate, David Joseph-Goteiner
Bottom: Ashkon Farhangi, Leo Linden, Tianlee Chu, Tianrae Chu, Trey Tickner
Head Coach: Alexander Jospe
Assistant Coach: Lisa Wu

Varsity Boys Lacrosse

Top: Dan Plautz, Michael Blumberg, Sean Marria-Nelson, Scott Shoemaker, Erik Battista, Eli Gross, Evan Hills, Nik Youngsmith, Nicolas Dubon
Middle: Yonah Levy, Logan Hollarsmith, Chet Brown, Dimitri Barton, Ryan Wallett, Carlos Carranza, JR Wong, Cliff Yu
Bottom: Andrew Manansala, Brendan Eng
Head Coaches: John Hutchinson, Brian Bianchi, Keenan Tabusa

TIGERS

17

10

33

19

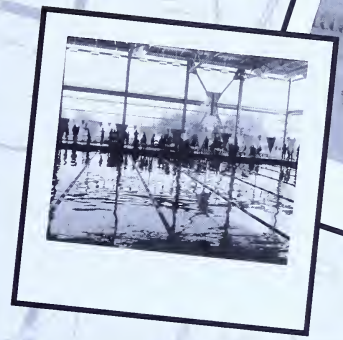
TIGERS

Varsity Girls Soccer

Top: Emma Miler, Emma Devereux, Eva Hicks, Sara Peletz, Olivia Levine, Julie Miller, Eliza Kingsley-Ma, Zoey Surdis, Jody Fu, Rosie Glenn-Finer, Eliana Pera
Bottom: Emily Duh, Mariah Napoles, Sarah Haizlip, Sarah Roach, Lucia Calthorpe, Daniele Hollander
Head Coaches: Matt Kurnick, Jared Green

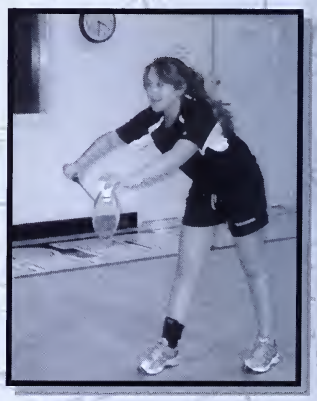
Swimming

1st Row: Spencer Hanson, Collin Yang-Wong, Allice Tripp, Erin Kiskaddon, Kielan Crow
2nd Row: Samantha Park, Traci Chang, Maria Kong, Gabriella San Diego
3rd Row: Sasha Mirnov, Allison Polite, Chelsea Kaufman, Teija Corse, Allison Chow, Brenda Young, Stanley Tsui, Kristofer Chan, Maia Moog, Bo-Yan Moran, Miriam Gershenson, Laura Webber, Akari Goda-Maurezzutt
4th Row: Phillip Scott, Cyrus Wesson, Sabba Fazeli, Justin Loustau, Brendan Gee, Kevin Matlta, Dylan Adams, Garrick Lee, Selena Buzhinky, Sydney Carson, Ian Theriault-Shay, Lucas Zeppetello
Head Coach: Heiko Gieraths



Badminton

Top: Evan Der, Ian Day, Darren Yee, Michael Yuen- Hurwitz, Timothy Defreitas, Phil Minasian, Sam Faustine, Doug Wachter
Middle: Thomas Masotto, Lena Rogow, Isabel Odean, Julie Mendoza, Daniela Yuschenkoff, Hilary Anderson, Bora Lee, Tomas Fuentes-Afflick
Bottom: Nathan Chan, Caroline Wong, Aimee Fung, Emily English, Hallie Travis, Lauren Kolm, Jose Hernandez
Head Coach: Eliot Smith
Assistant Coach: Aaron Fung

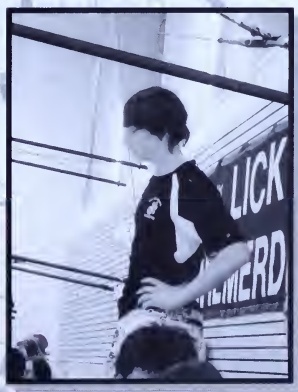


OME OF THE
GERS
Carbonex
YONEX

RDING

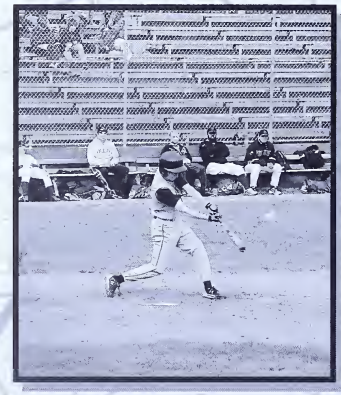
WILMERDING

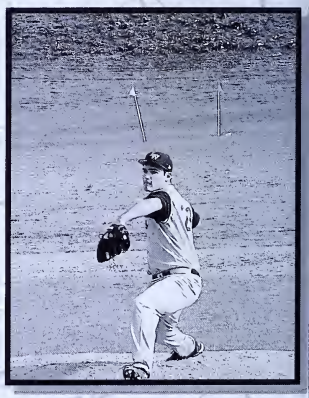
Dick Wilmer

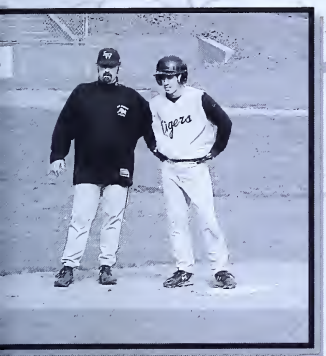

LICK

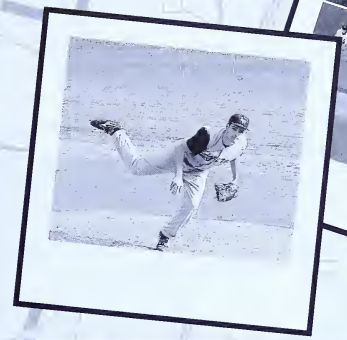
Baseball

Top: Anthony Shaw, Nick Brownrigg, Ian Johnston, Nick Burton, Cameron Heller,Jeremy Marks, Matt Foley, Matt Waters, Anthony Lo Giudice, Danny Baldocchi, John Balladares, Haden Cory, Evan Wiener, David Fleming, Nico Madrigal-Yankowski, Corey Roth
Bottom: Scott Garlow (Coach), Jalen Allen, Will Page, Evan Korn, Drew Forrest, Nick Corson, Manny Granillo (Coach)
Not pictured: Ned Devereux, Nate Lundy (Coach), Benjie Achtenberg (Coach)



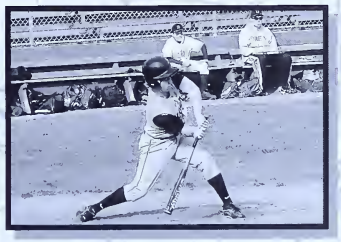


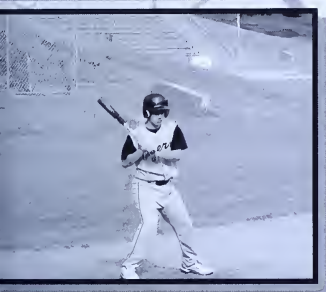

Tigers



Tigers

TIGERS





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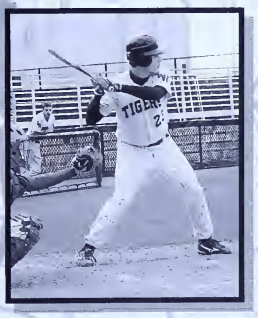
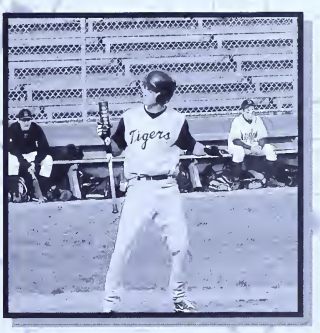
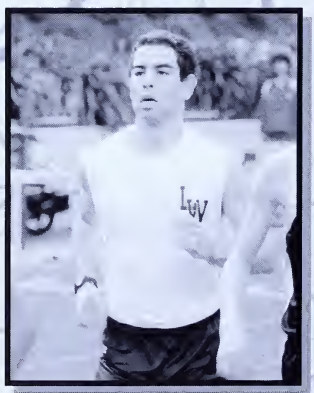

TIGERS


Tigers

Track and Field

Top: Thuto Durkac Somo, Isaiah Boone, Joseph Begun, Evan Pellervo, Dash Bodington, John Grover-Roybal, Phil Minasian, Kris Hameister, Matthew Mah, Danny Brosnahan, Jessica Sykes,. John Ribeiro-Broomhead, William Worm Demetrius Reagans
Middle: Caleb Banks, Hansoo Song, Vincent Lopes, Gregory Rousso, Risa Egerter, Nicole Gilmore, Jaki Kimball, Rachel Zeleke, Relicque Lott, Julie Mendoza,Larisa Faktorovich
Front: Chrissa Gaines, Rachel Prensky-Pomeranz, Kaila Perez, Zoe Begun, Sophia Wilson, Brittany Riddick
Head Coach: Mariel Triggs
Assistant Coach: Lillian Gardner, Chiah Connolly- Ingram



SAN FRANCISCO STATE

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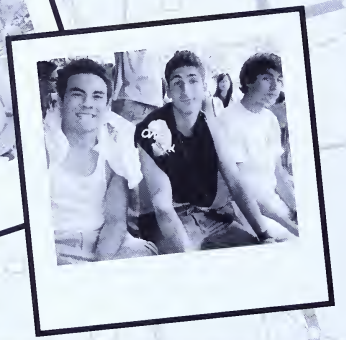
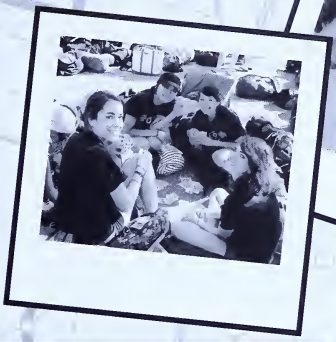
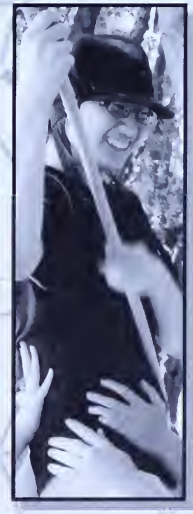
SAN FRANCISCO STATE

Senior Retreat







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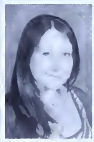
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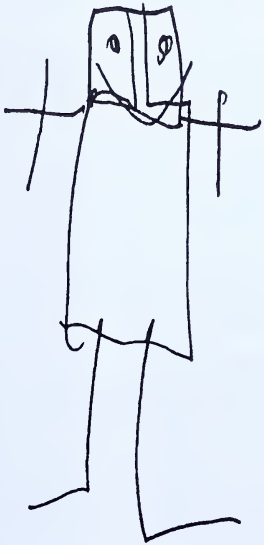
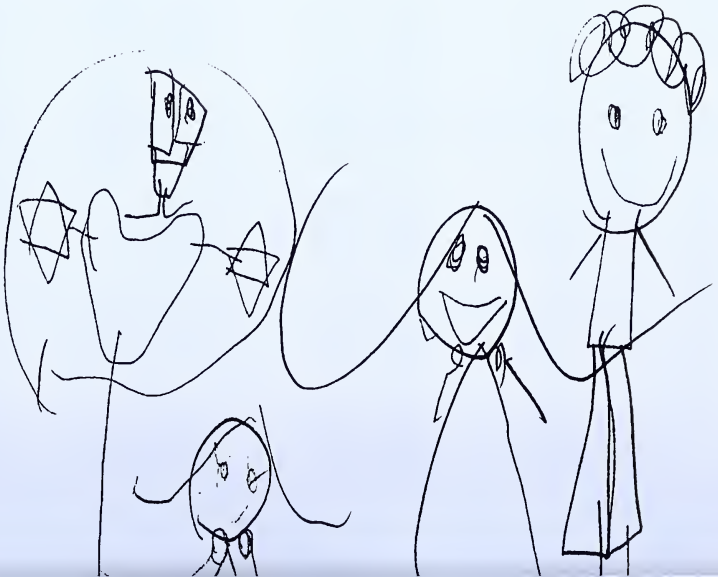


RARBDAIL

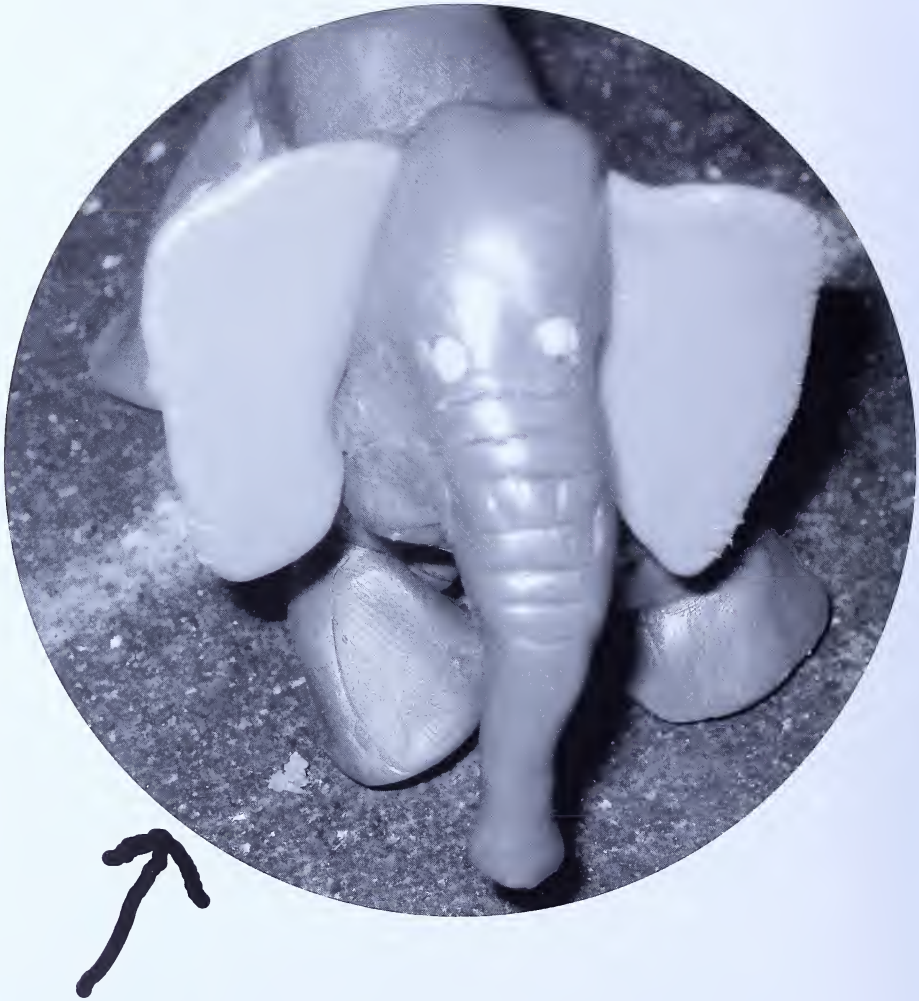


SUGARMAN, SAMUEL
SV0005442354
DOB: 07/06/1991 17 M
SM0251710S
Adm.Date: 07/19/2003

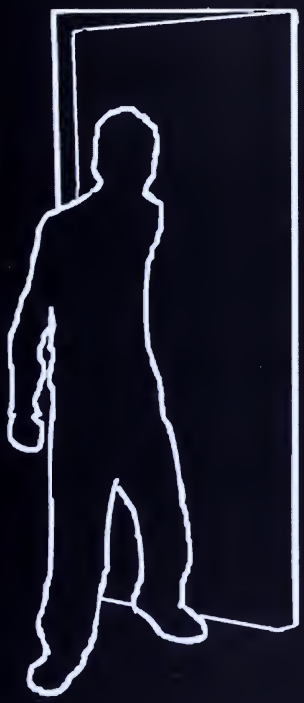
Thanks to everyone who helped make a great four years at Lick, especially the LWHS Swim Team!! You guys are the best!

"Listen to the mustn'ts, child. Listen to the don'ts.
Listen to the shouldn'ts, the impossibles, the won'ts.
Listen to the never haves, then listen close to me...
Anything can happen, child.
Anything can be."
~Shel Silverstein

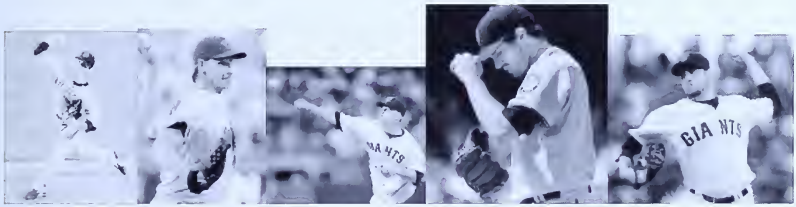
Thank You, Mom and Dad and Kaitlyn.
I love you.



Purple



Go Tigers!!!!



Best rotation

ever!!!

NO TEST MATERIAL ON THIS PAGE

-09-

"There is nothing either good or bad, but thinking makes it so."
-William Shakespeare

"If it doesn't matter who wins or loses, then why do they keep score?"
-Vince Lombardi

"Blinding ignorance does mislead us. O! Wretched mortals, open your eyes!"
-Leornardo da Vinci

HA!
HA!
THE INTERNET!!!!
I SUPPORT
Dirth
Vader
08
두부
TOFU BRINGS
MAGIC HAPPY
우리는 맛있다!

$C:/user/GT/: |

I am my life. I am human. I am waking up - reconciling my fantasies & trying to live my dreams using my power - in the present moment, reality. I am growing into a happier, stronger, fuller & more loving person. I am a philosopher who needs & ventures for love & fulfillment. I am not merely a thinker. I am also - more importantly - a do-er & feel-er.

"By thinking of things you could understand them."
- James Joyce

- But not control them. Understand & control yourself, for god's sake.

This is all humbling, empowering, encouraging & enchanting

But is this all?

There is always more, if it's not enough. Please, go get it.

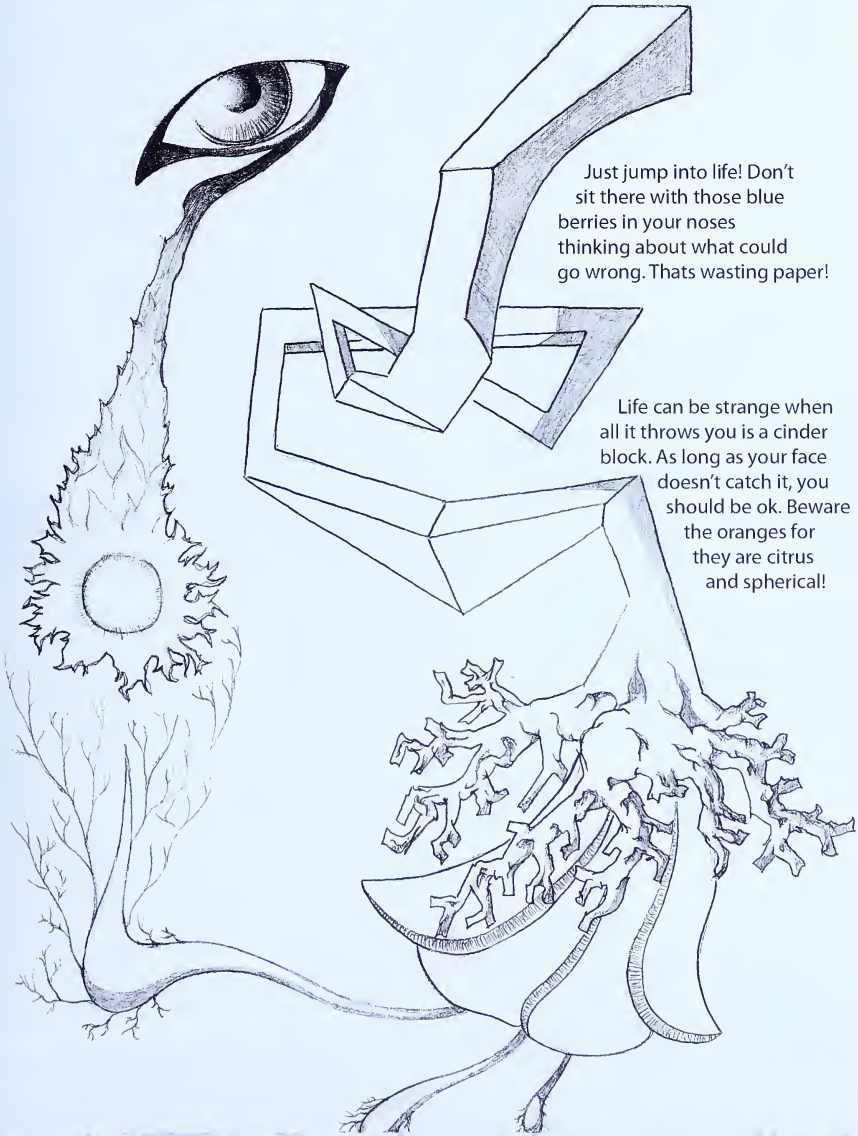
Like I said, "humbling."

Just...

Try to take a break
Even when you can't resist
You'll land on a branch.

... Love and care for yourself and others.

Life is like a jar of pickles on an airplane 50 feet after take going a bajillion miles per hour. Kinda like those pens that have three different colors. Almost like like how that triangle was in the cake that was a lie except for the fact that it wasn't. You can't have just a dime in one hand and a nickle in another. That's just weird. If you get anything out of this, it should be that pickles can be cheese but never mustard. Who ever heard of a computer that eats salami? I sure haven't



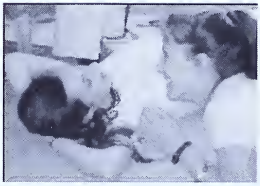
it's a totem pole son :3
what you lookin' at
punk
HELLO PANDA
root BEER!!!
site edgy & knights of
mosh 'n headbangin'
fanime o.s :D
facepalm
teehee
TOBLERONE
SENIOR RETREAT 08
prom 09 classy foo
westfinder
oh HI THER :D
doh >_<
DEALXD
COMFY FOOD
winter FORMAL 08
10-11-08
TNT
mom
me
GRADUATION 08
Happy 09!! :)
aaron :D tiem bun
catcat
love
caprice hong

om! 2008
jump!
moose!
dig george dig!
10.10. best birthday ever.
pure romance
JAIL!
uitar hero!
prom!
LOL
angel?
sisters
marisa
jeff <3
aw =)
jilli
grandpa
we're cool
family love!
TAYLOR WONG

NRYYY!

When life hand
you lemons,
make orange
juice, then sit
back & watch
while everyone
wonders how
you did it.
ACHIEVEMENT UNLOCKED
Graduation

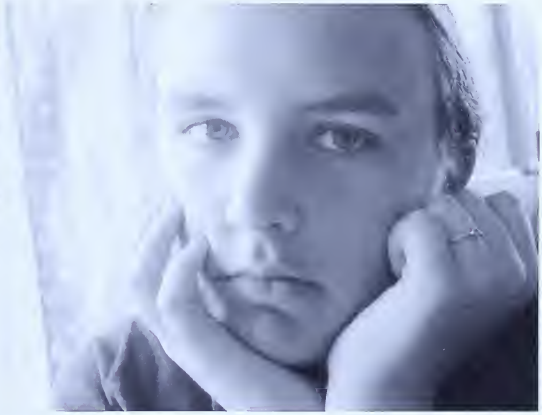
I certainly do not hope to alter the world. Perhaps I can say it best by saying I hope to alter my own vision of the world.



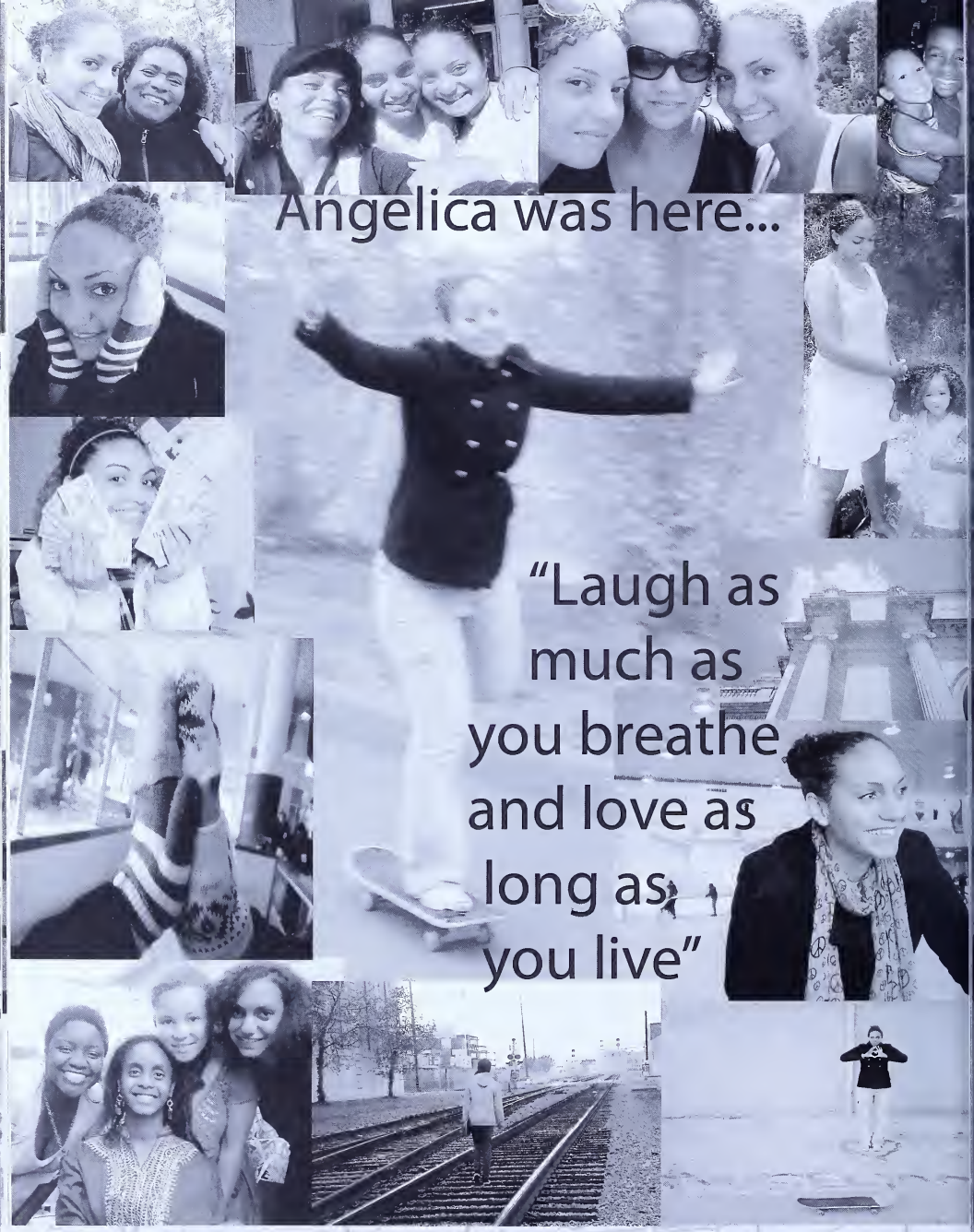
I want to be more and more myself, as ridiculous as that may sound.
-Henry Miller

Le pessimisme est d'humeur; l'optimisme est de volonté.

La douleur passe, la beauté reste - Auguste Renoir

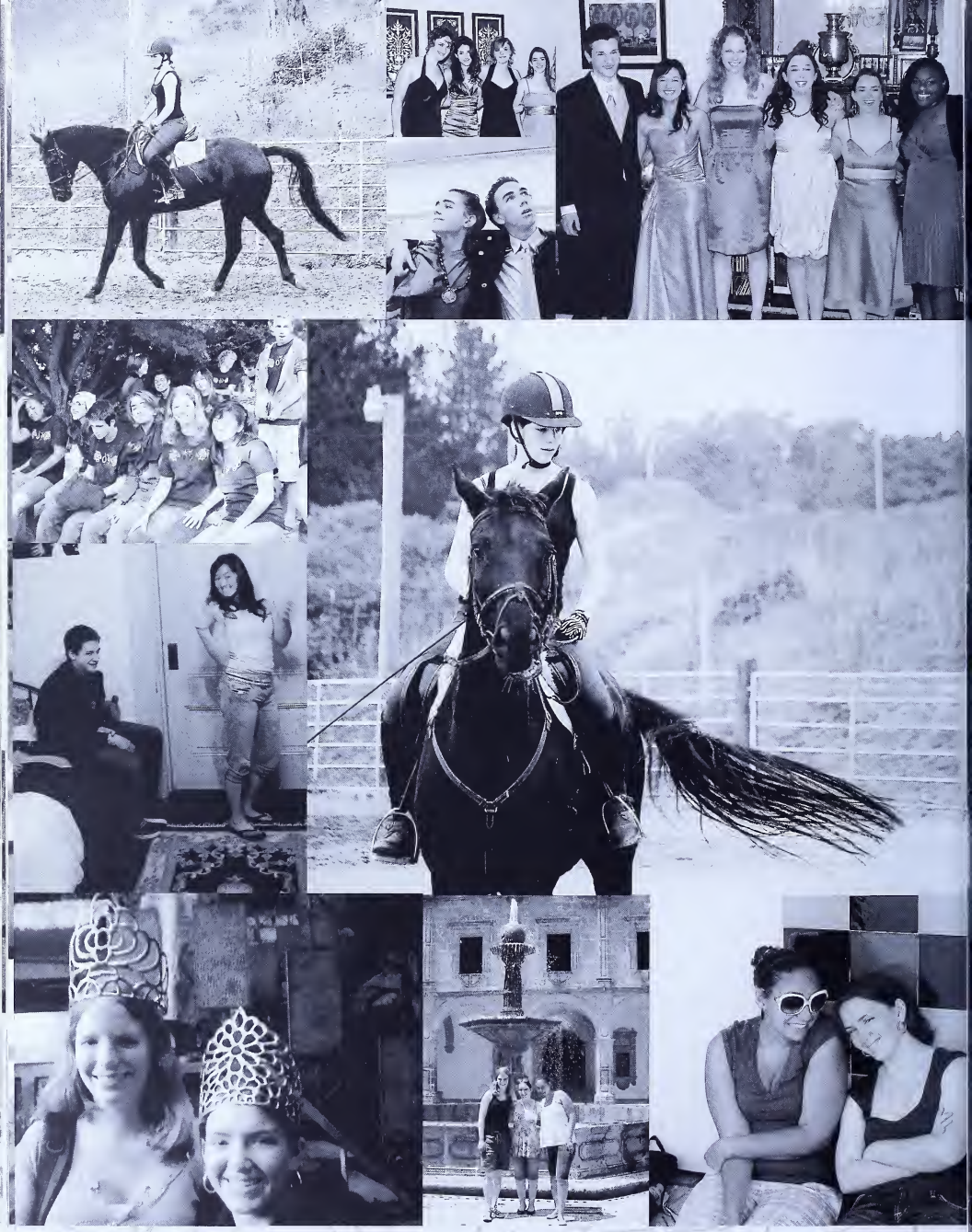


Laisse-moi mordre longtemps tes tresses lourdes et noires. Quand je mordille tes cheveux élastiques et rebelles, il me semble que je mange des souvenirs.
Charles Baudelaire

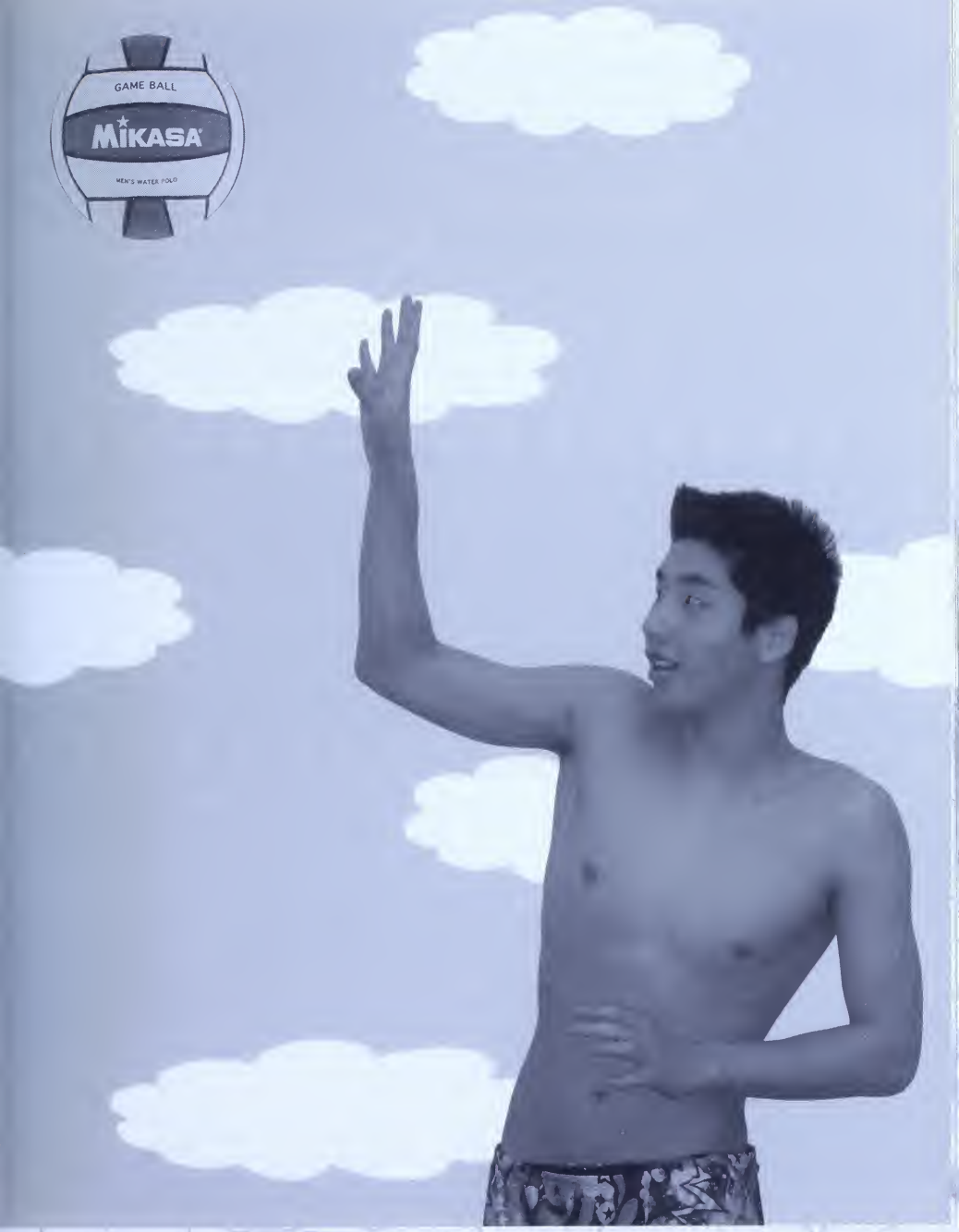

Angelica was here...
"Laugh as much as you breathe and love as long as you live"

"Today was good. Today was fun.
Tomorrow is another one."

Dr. Seuss



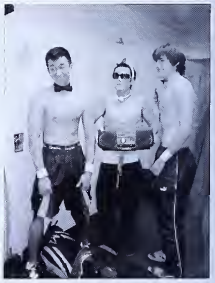
PINK TACO
POLLING PLACE
VOTE HERE
LUGAR PARA VOTAR
投票站


GAME BALL
MIKASA
MEN'S WATER POLO

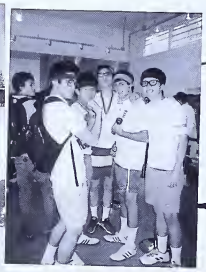
AMERICA'S BEST
DANCE CREW

STOP
ENTER
THROUGH
FRONT
DOOR
ONLY

STOP
ENTER
THROUGH
FRONT
DOOR
ONLY



STOP
ENTER THROUGH FRONT DOOR ONLY
STOP
ENTER THROUGH FRONT DOOR ONLY



Boop

"When it comes to it, I abide by the strict guidelines, very much like a playbook. I have my concrete formartions, the singleback, shotgun, i formation, and even a few trick plays here and there. You don't often see me calling audibles. But that's the thing, as of late, I've thrown the playbook out the window and I get to the line and change the play, 'Red 22, Blue 45, hut hut?' It does crazy things to you" - Matthew Mah

"Life hits fast. Four years fly by even faster. I find myself wondering where those years went, what I could have been done differently, who I would have gotten to know better. But really, I look back at everything, and I'm glad it went the way it did. Life is about a lot of things. But I feel like people often forget to live in the present. Though it sounds cliche, it's not. Life is about a lot more than books and grades; life is love, and love is life. For me, music has been a way for me to share emotion and release myself of all the stuff that seems to clutter my mind at times. You gotta find something that makes you, *you*. I haven't exactly gotten the chance to do all I wanted to do in high school, but I feel like what I have done, I have done with passion and care. The friends I have made and the connections we have established are ones that I will certainly carry on through life. Memories are made through living. Living is spreading happiness. Spreading happines is love. So go out and love!"

-Cliff Yu

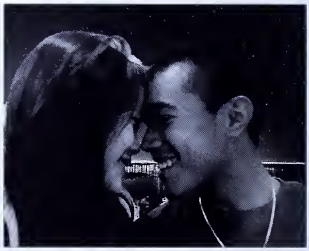
"And though all these things will change,
The memories will remain,
As green to gold, and gold to brown
The leaves will fall to feed the ground
And in their falling, make no sound"
-"Winter Birds"- Ray LaMontagne

"I believe that my life's gonna see
The love I give
Return to me"
-"Wheel"- John Mayer

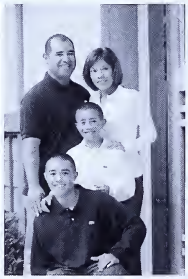
"So homecoming court vote on,
It's only four years long
Then it's gone
And the king of the nerds and the queen of the prom get a job
Wouldn't you know?
He's a CEO and she answers his phone
So be cool, be hard, be weird
It's just four years"
-"Four Years" - Jon McLaughlin

12/25/2008

12/3

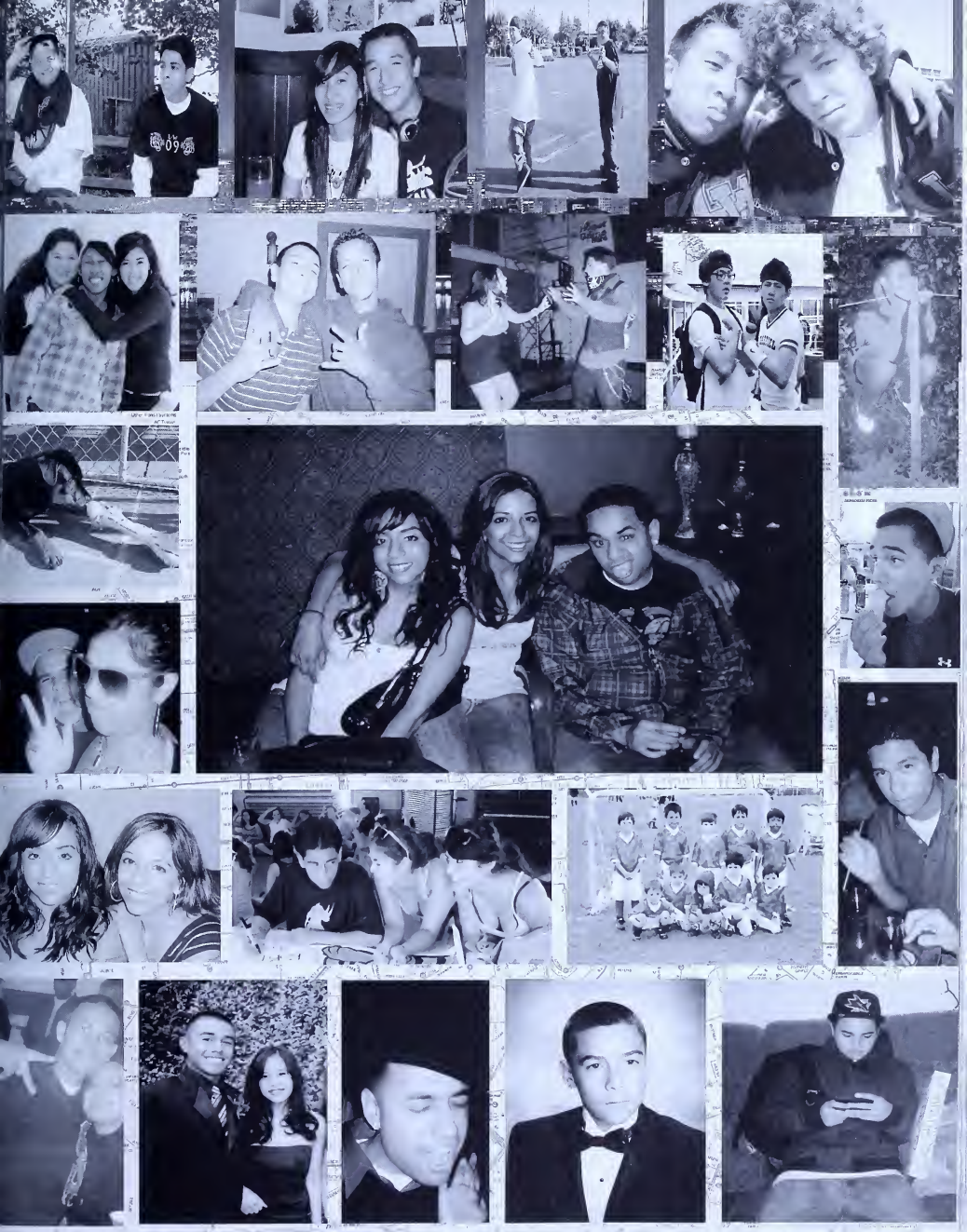


03/02/2008



"Friendship can never be over or under estimated"

Missy Maria Loves Her B



LIVED. I LOVED. I LEARNED.

am what you want to dream. Go where you want to go. Be what you want to be, because you only have one life and one

want to do. The happiest of people don't necessarily have the best of everything; they just make the most of everything

ing someone all your love is never an assurance that they will love you back. Don't expect love in return; just wait for it

oes not, be content it grew in yours. Love begins with a smile, grows with

ear. When you were born, you were crying and everyone around you was

so that when you die, you are the one who is smiling and everyone around

e, laugh, love and maybe one day you'll start a revolution.....

his one's for the

r had a

upon

the

way you are

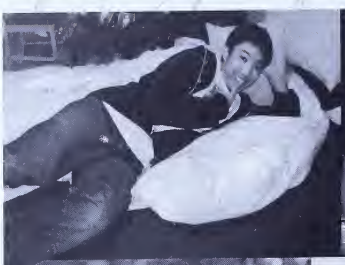
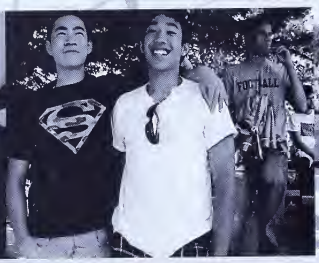
This one's for the girls

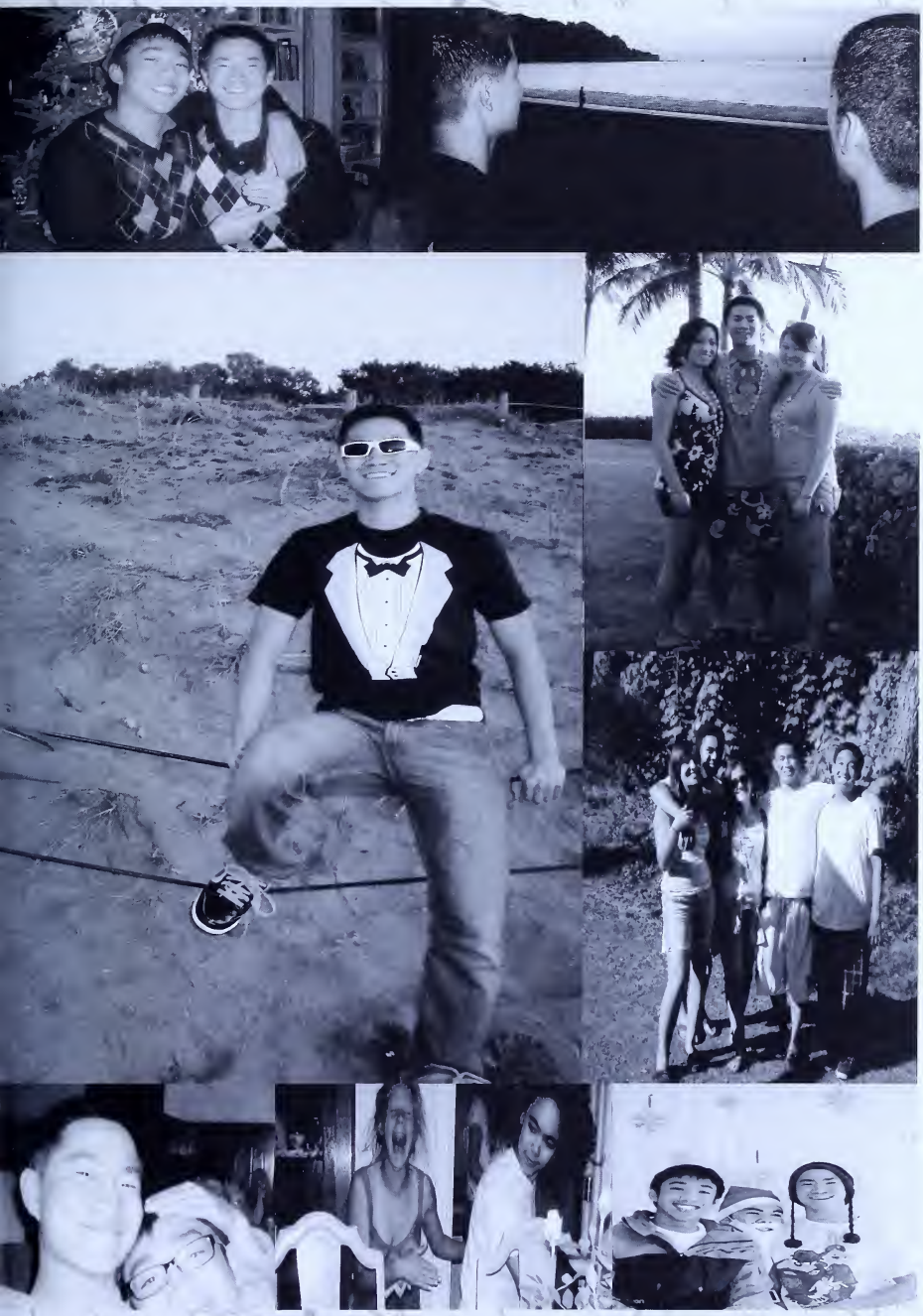
Who love without holding back

Who dream with everything they have This one's for the girls

"Make the most of yourself, for that is all there is of you."

Ralph Waldo Emerson



PHILLIES
Only 5¢
EDWARD KOPPER

CHANGE

HOPE
yes we did.

Remember

Emily Mayer

When

. . . . . I ghostrode the hood of [illegible] car after almost getting run over when trying to get out. [illegible]. Mia [illegible] I drove to a sketchy side street with broken down cars and tried to smoke [illegible] matches to light it. I [illegible] Park because we [illegible] and I [illegible] instead I put on a [illegible] almost got my boyfriend [illegible] before a whole bunch of [illegible] year olds [illegible] it and tried to pick [illegible] escaped and tried to get into a bar by saying that I [illegible] passport. Eva and I [illegible] hiding against a wall [illegible] us from [illegible] Miles broke the window of our [illegible] he was [illegible] prank that [illegible] having [illegible] and I snuck [illegible] New Year [illegible] years day [illegible] [illegible] making [illegible] [illegible] to walking [illegible] speaking [illegible] totally [illegible] [illegible] dead [illegible] [illegible]se. Mia, Emily [illegible] THS party after spring dance and saw the 20 year old [illegible] the boys there and become best friends. At the Kanye concert [illegible] passed around the bars like candy, and the entire auditorium [illegible] Sledding down "the hill" on ski trip junior year, banging up [illegible] body and getting Andrew [illegible] so he would go and get [illegible] into a tree. Devin drew tattoos all over my body at the tennis [illegible]

Eliza, Clare and I tried to find an open frozen yogurt place at 2 [illegible] up at Nell's and having spent almost 20$ getting a cab to drive us in a circle. Mia passed on the steps of a Fox Heights house. Eva, Wy, and Eliza and I ended up at the beach after Eva's birthday and we almost got arrested by the cops for having a lot of [illegible] that wasn't ours and then they told me Jake had undressed me while I was sleeping. My party, the jello shots it involved. The millions of unfeasted things we watched the Rocky Horror Picture Show, and spilled most bloody puzzle of [illegible] who

"Your Crew run, run, run.
Your Crew run, run."

The Leap

LARRY COLKER

We stood in groups of twos and threes on the sidewalk outside the bar, talking, smoking, watching traffic and each other. One quiet old guy by himself looking at the moon.

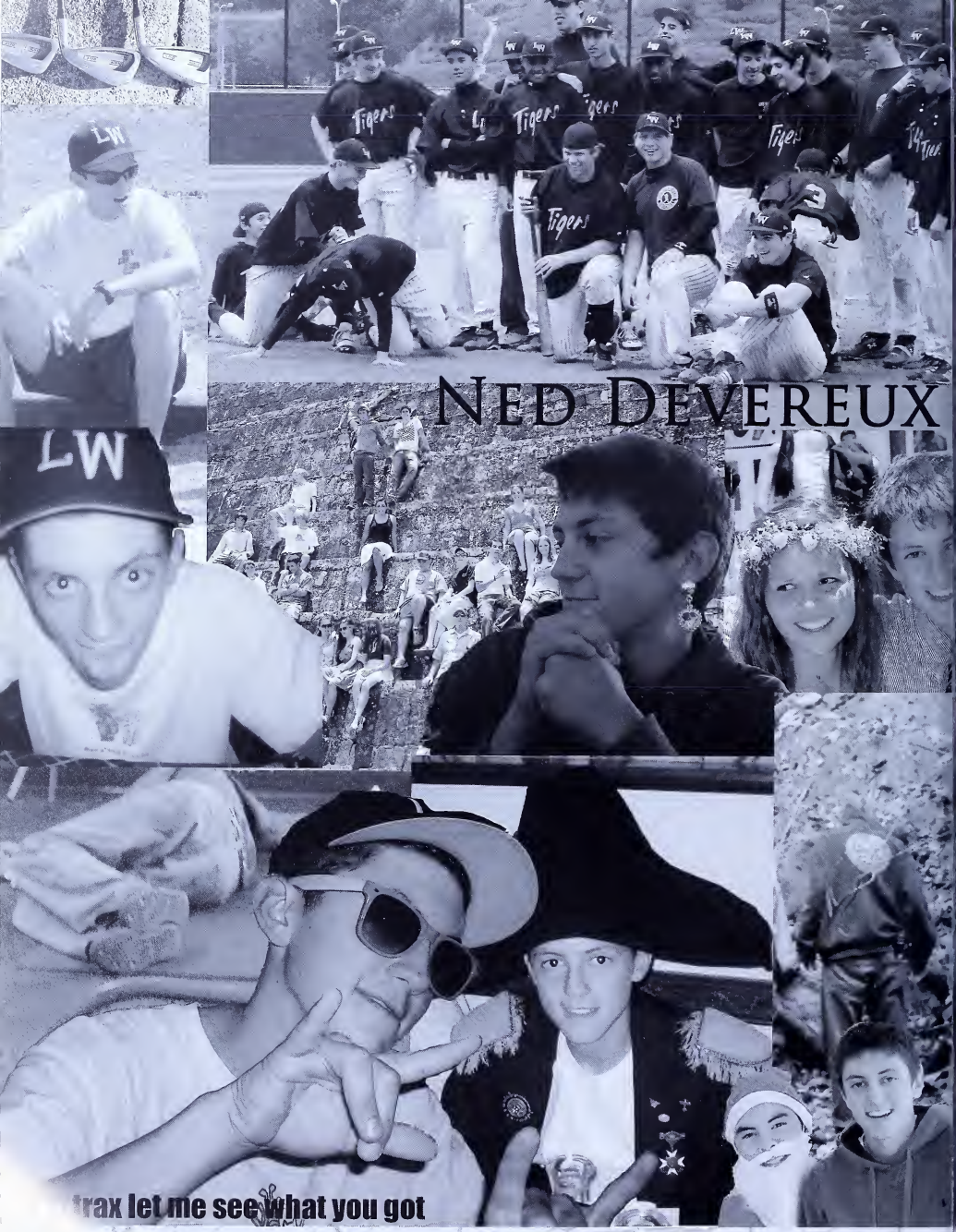
When a quick motion caught our eyes as the girl pounced on her boyfriend, shimmied up his tall torso, squeezed her legs around his waist, clasped her arms around his neck, pressed her face into his hair.

If I were a prophet, I'd say a burst of light surrounded them like a glory. Like revelation, like satori, we were all converted on the spot: for the rest of our lives we'd wait for such a rapture, our bodies suddenly made heavy with bone and flesh not our own.

I caught the old man looking, dumbstruck, until he collected himself and went back to staring at stars.

At first the boyfriend took it like a puppy's exuberance, continued the conversation as though that leap, still rebounding in our chests, were nothing special. But his girl did not unlatch. She tightened her arms and legs around him until who knows what was let loose inside, and he hugged her back, with a shy smile at us, as if embarrassed by his riches.

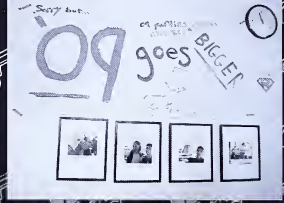
26 +6 =1



ed Devereux

HE SHOOK ME LIKE A DOG!!!
Nico Madrigal-Yankowski

"I KNOW ALL THOSE PEOPLE.
I HAVE FRIENDLY, SOCIAL, AND CRIMINAL
RELATIONS WITH THE WHOLE LOT OF THEM."
—MARK TWAIN



EVELYN NG

Sucrose

other names: saccharose, table sugar

$C_{12}H_{22}O_{11}$

molar mass: 342.29g/mol

melting point: 186°C

Mia

JAMISYN BRADFORD
YUEN-SHORE

WANT A SLICE OF
??
Humboldt
maddie

PROGRES

Life goes on...

XOXO

Claire & Justine's Adventures...

baby bear
& goldilocks

SCUBA
diving.

& breaking out the moves

high
off
life

to be continued...

REMEMBER

M I A

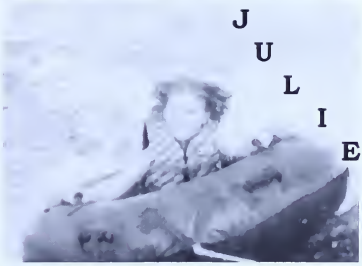
When...

eva

CASINO
ROYALE

Size doesn't matter, shorter is hotter

LIVY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AUSTIN HEALEY '54-67
104,105, 3000 WANTED
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JAGUAR WANTED
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L-W 2003

First Day of School – Our freshman year!

August 2005

22 *Monday* Dept. Chairs Retreat

8:00

9:00

10:00

11:00

12:00

1:00

2:00 Meet Wy for shopping at Crossroads. 4pm

3:00 "Gemelo" time with Gabe

NOTES

Time with the Fam Bam

23 *Tuesday* Frosh Orientation

8:00

9:00

10:00 Fro 40 with Pam and Evelyn during C Free

11:00

East side Ridazzzz

12:00

1:00

3:00 Rock Band with Liv and Jules

NOTES

Time with the Wifey

24 *Wednesday* Frosh Orientation

8:00 Meet Connie, Emma + Andrea @ 8:00 for Breakfast

9:00 Grab chais with Shana.

10:00 LOST Marathon with Julian

11:00 ECON CLUB

12:00

1:00 Adventures with Mia!

2:00 → This shall be fun

3:00 Messin' around during passing period

NOTES Phantom of the Opera with Scotty – 8 pm

Last day of high school: May 2009

21 Thursday
Jellis Block Prep Day

8:00 BART with Hannah 7:40 AM

9:25

10:50

11:40 ★ SARAH + LAURIE ★ REBEL CHILDREN 4 EVA!

1:05 ARCH: any free time I have.

2:20 VOLLEYBALL 3-5

NOTES

22 Friday
Graduation

8:00 Sleepover at Mari's → can't wait for the amazing breakfast!

Dinner + chat with Cheston on West Portal. 7:00

1:05

Terra Mia with Zoe 2:30 pm

2:20 Tennis 3-5 with Andrew, Nico, Ned, Colton

Adventures with Cliff!

NOTES

23 Saturday

24 Sunday

11:00 Girls Breakfast @ TOAST

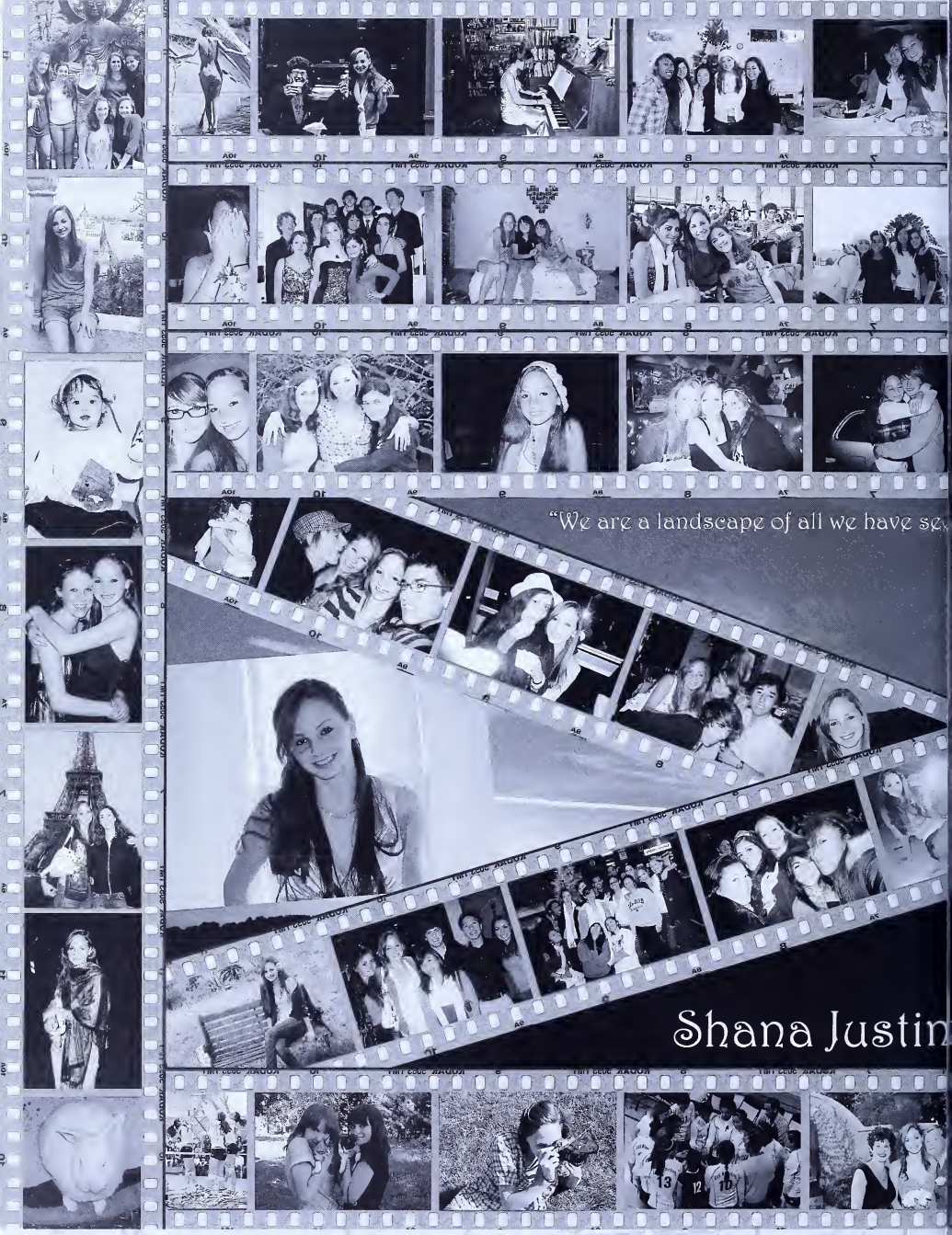
Tige

Flight of the Conchords movie night

"TRI-DATE"

KODAK CM 400 5076
KODAK CM 400 5076
KODAK CM 400 5076

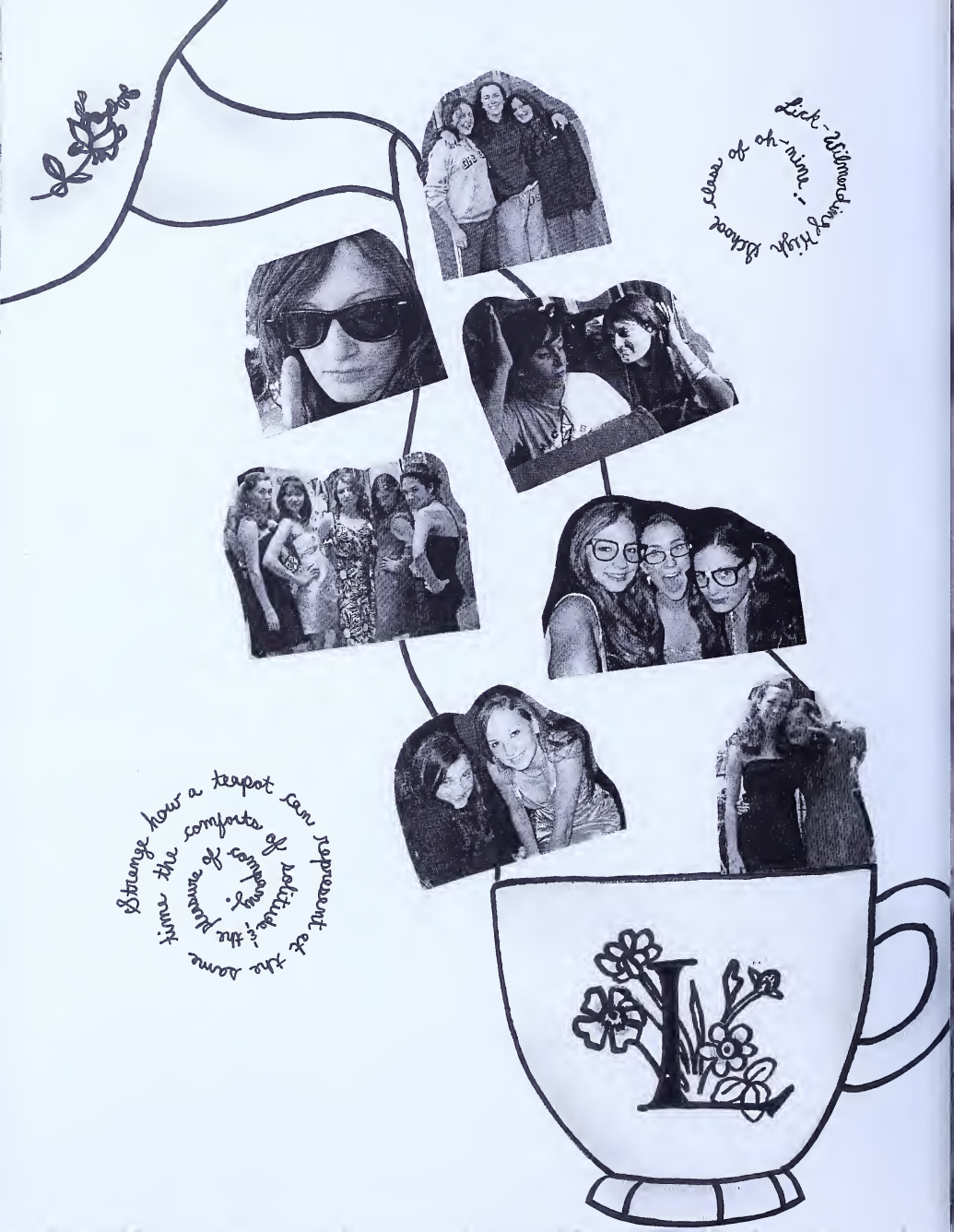
Feel.
dare.
Do.
laugh.
Live.
trust.
hope.
dream.
Love.
KODAK CM 400 5079
KODAK CM 400 5079
KODAK CM 400 5079

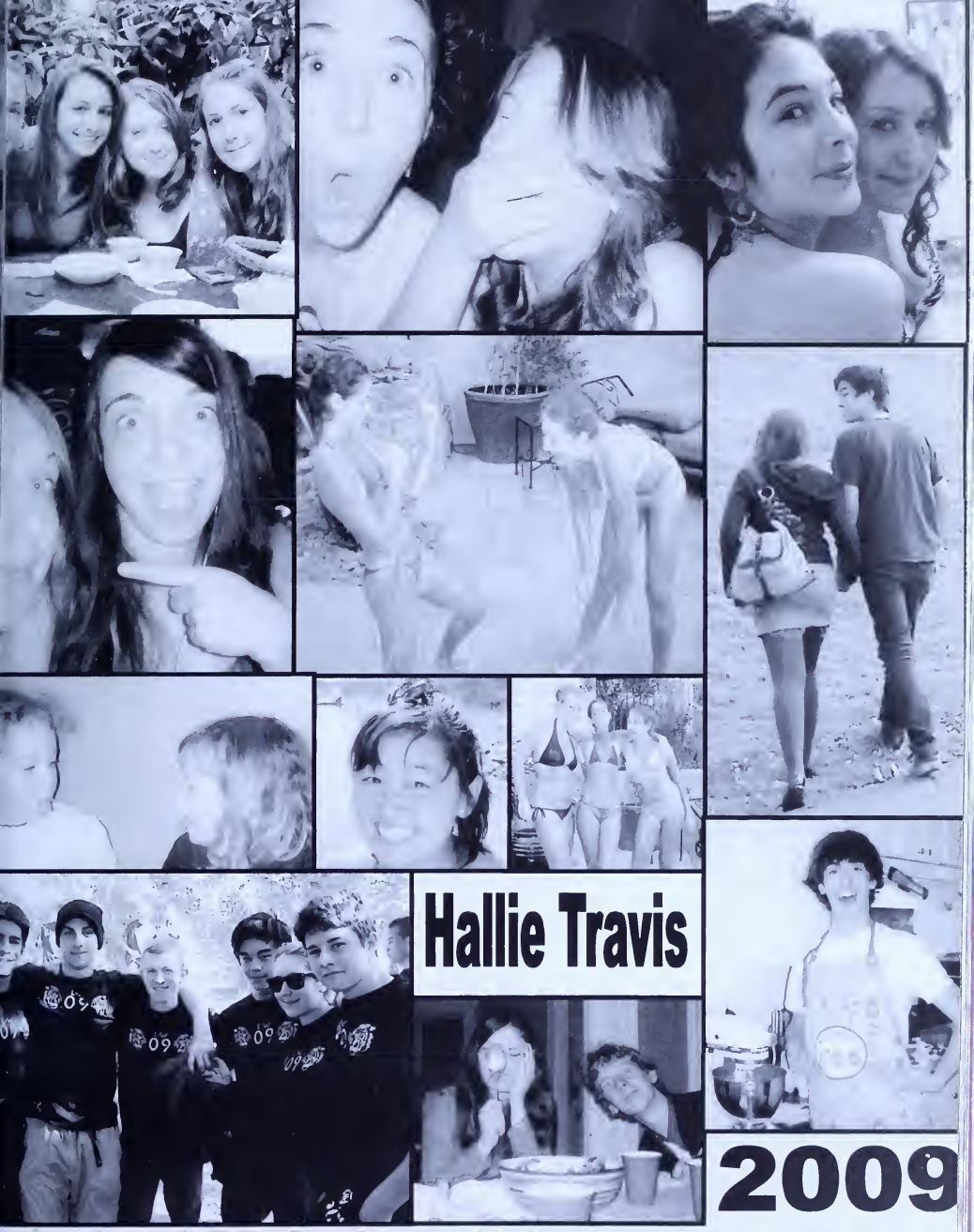

"We are a landscape of all we have se
Shana Justin

Emily

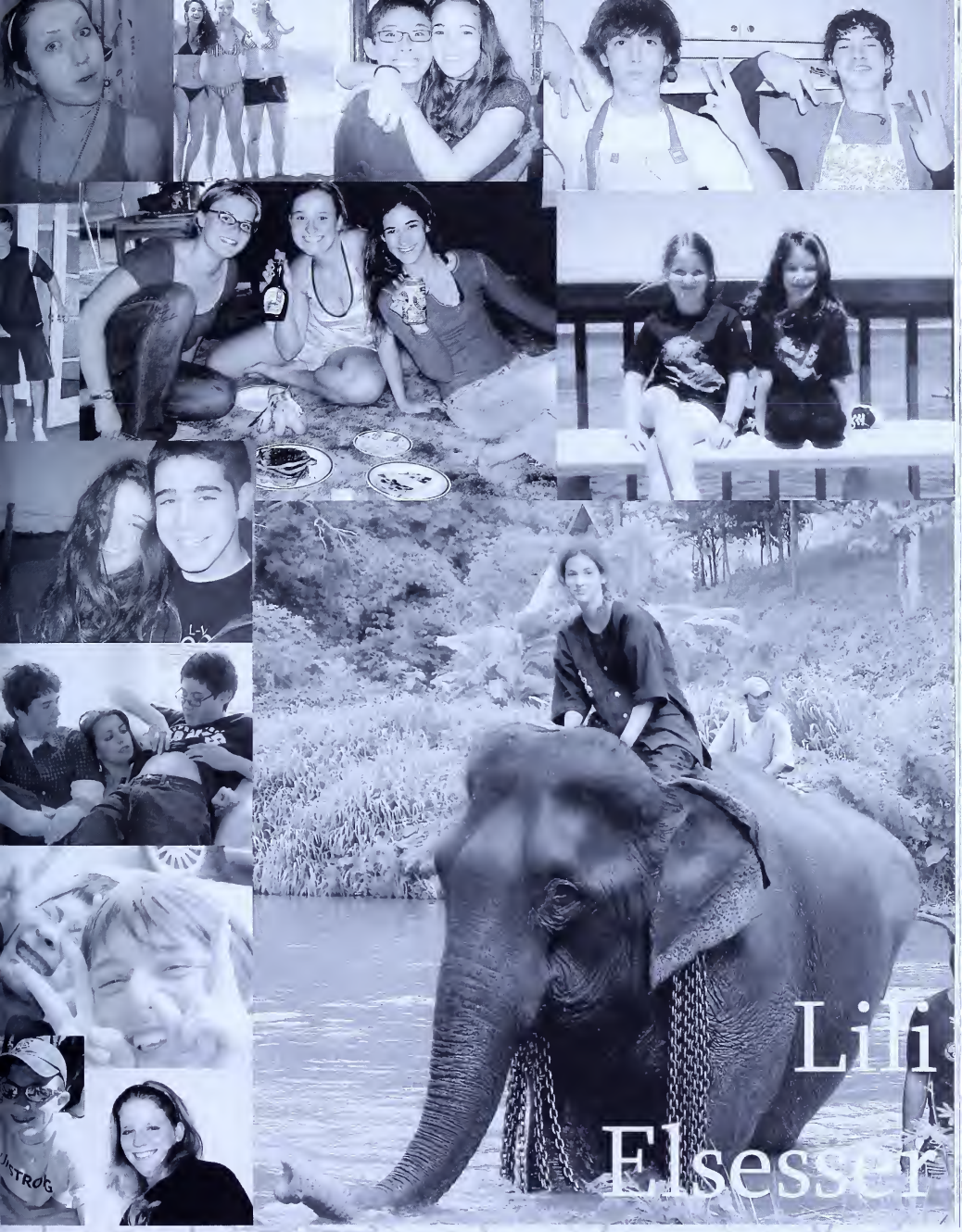
Do not go where the path may lead, go instead where there is no path and leave a trail.

– Ralph Waldo Emerson

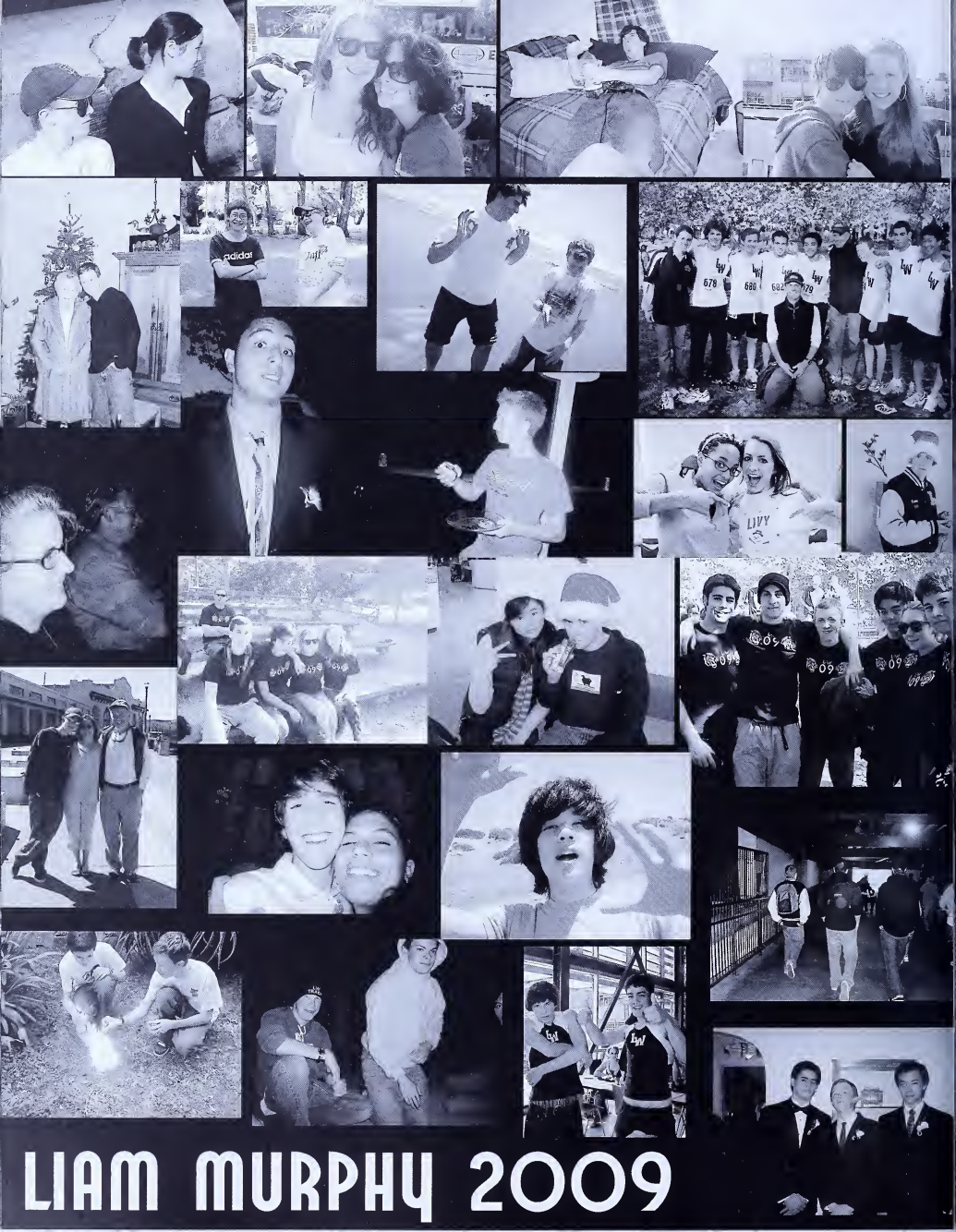

Lick-Wilmerding High School
class of oh-nine
Strange how a teapot can represent at the same
time the comforts of
solitude and
the pleasure of company.
L

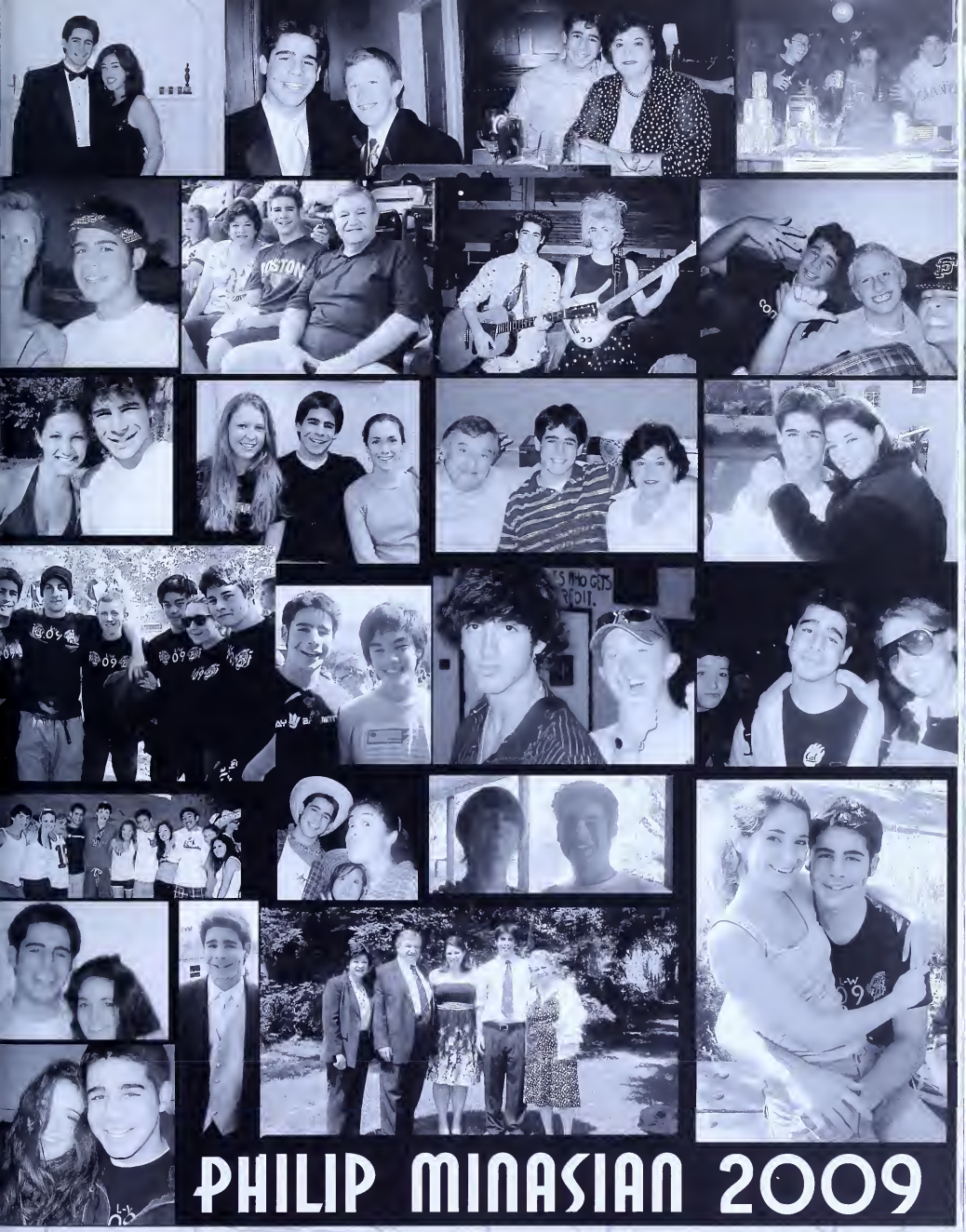

Hallie Travis
2009

Alice Tripp

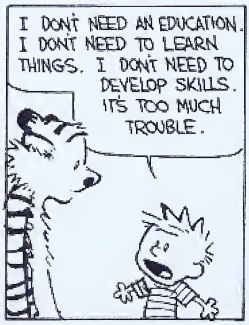


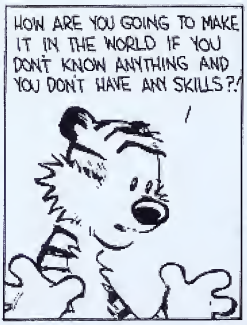
Lili Elsesser


LIAM MURPHY 2009


PHILIP MINASIAN 2009

I'VE DECIDED NOT TO GO TO SCHOOL THIS FALL.

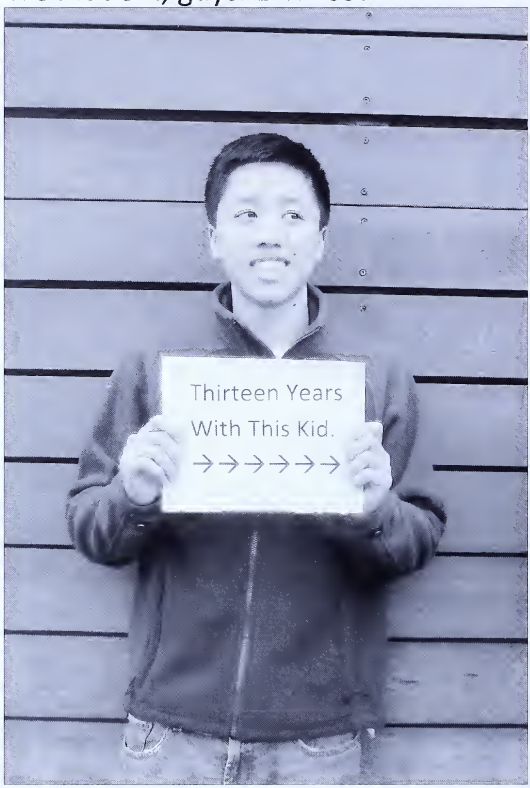

I DON'T NEED AN EDUCATION. I DON'T NEED TO LEARN THINGS. I DON'T NEED TO DEVELOP SKILLS. IT'S TOO MUCH TROUBLE.


HOW ARE YOU GOING TO MAKE IT IN THE WORLD IF YOU DON'T KNOW ANYTHING AND YOU DON'T HAVE ANY SKILLS?!

I'LL GO ON TALK SHOWS AND HYPE MYSELF.

SNOW SHARKS?
THAT GUY'S A GONER.

We made it, guys. L-W '09.



Cheston Wong.

Photograph taken by Sarah Butchman

weezer

RAMONES

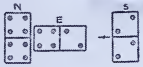
AC/DC
HIGHWAY TO HELL

★THE CLASH★COMBAT ROCK★

The only constant is change.
- Heraclitus

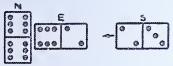
OWEN

play off of your partner's double. This gives your pa
spinners or three numbers to play on an
play because your partner has four don
possible numbers. Let us say your partne
opponent to y ight played the 4-2. I
should be pla doesn't have it, t
off of the 4-4. I ll play and
partner.

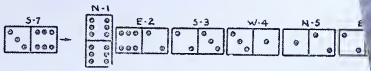


If necessary, you should pass up one or two p
partner a cross.

Exceptions: (a) If you hold only one of your par
and *you can score three points,* you may take



On your second play you must give your partner
set if no plays have been made on his set (6-6).

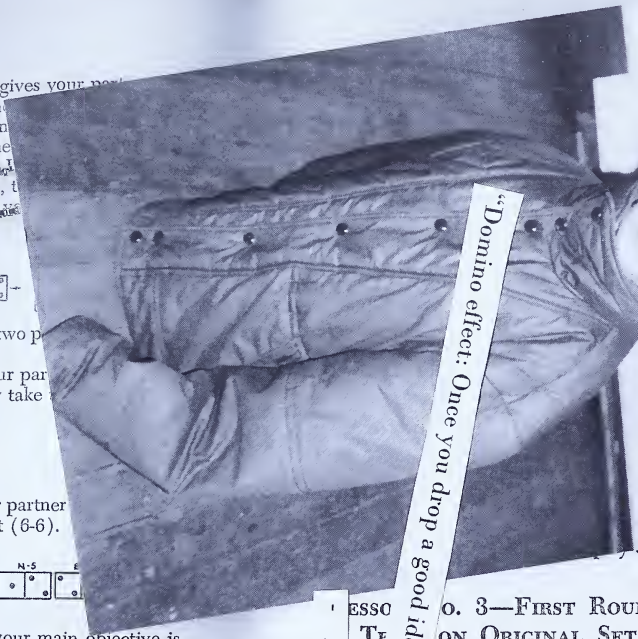


(b) If East has gone to the boneyard your main objective is for your team to go out.

It is not necessary for you (South) to cross your partner's set on your first play, as West will most likely play off of the set to give his partner a play. If West does not cross your partner's set, then you should cross it on your next play.

3. If you have none of partner's double set and cannot cross opponent's number, then score or put up number you have least of in your hand.

When you play off of your opponent's number there is always the possibility that the fourth player may be able to play a domino that will make all of the numbers the same as the double set by your partner. This forces your partner on set to play one of his original numbers or, if he set a lighthouse, to draw from the boneyard.

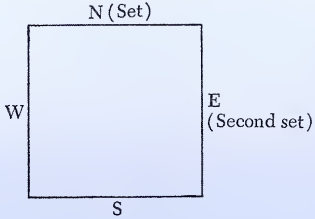


"Domino effect: Once you drop a good idea, the rest will follow."

Anonymous

ESSO O. 3—FIRST ROUND, OPPONENTS OF
TE ON ORIGINAL SET AND PARTNER'S
PET PEEVE

he ents of the team on set are in a secondary position.



chance to
or his partner's number.

My Homies
Oh yeeeeeeee
the Sidekicks
Giggles
Beastly!
Brother from another Mother!!!
Zoya
Fricandow
Gal Pals =)
Oliver
Elephonk
Simply Ninja
"Do not be afraid of death. Be afraid
unlived life."

I am the Maximum Porter

At times our own light goes out and is rekindled
by a spark from another person.
Each of us has cause to think with deep gratitude of those
who have lighted the flame within us.

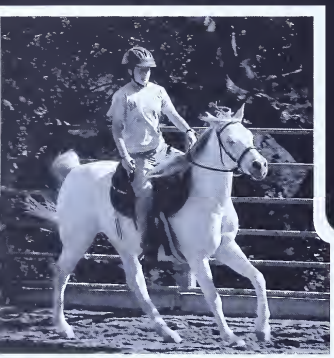
"Shoot for the moon, even if you miss, you'll land among the stars"

Class Of Oh Nine

Marissa Seto

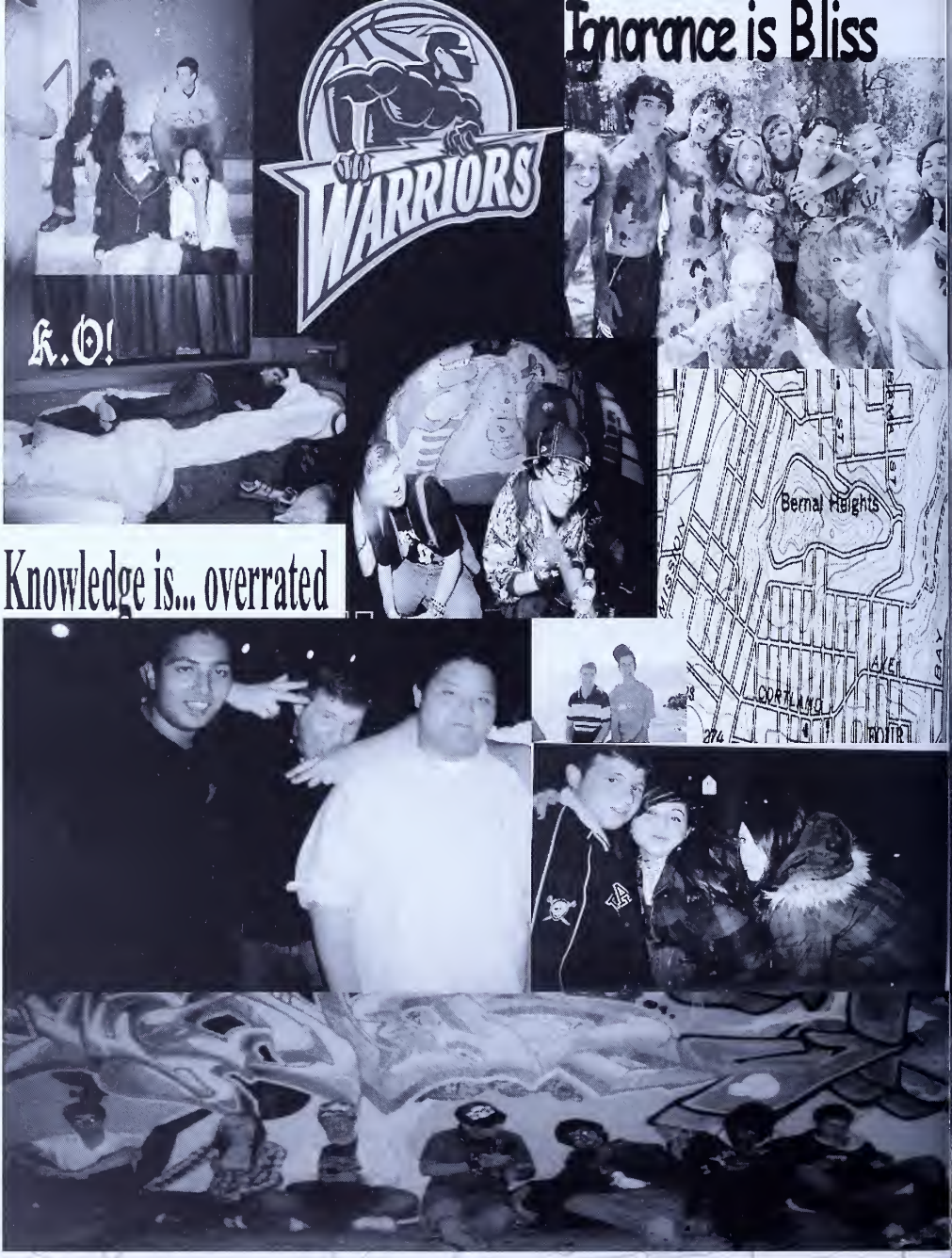
"I'd Like that"

Claire Jumanna Ashcraft



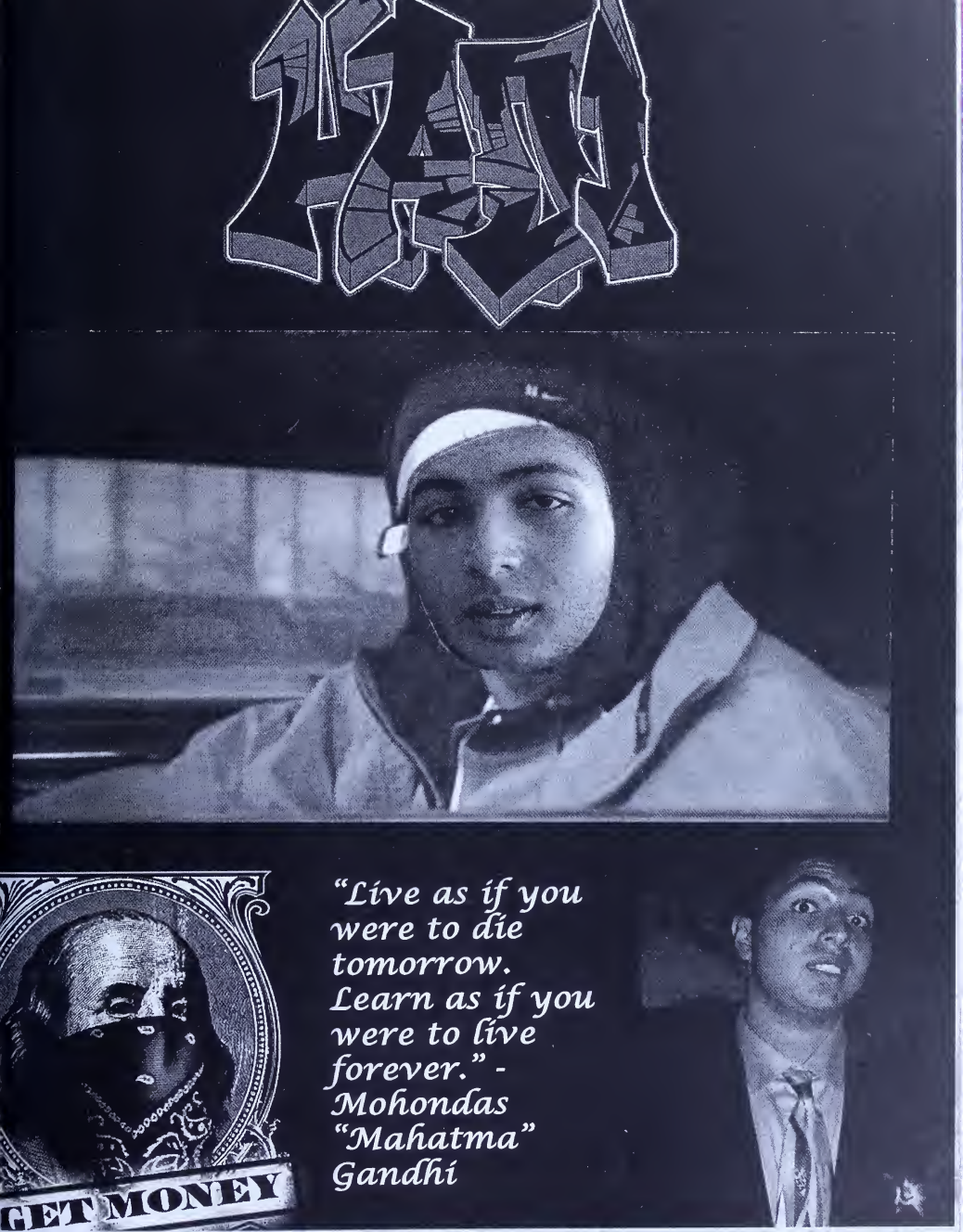
> "Decisions are made by those who show up."
>
> - President Bartlett, The West Wing

350
29


Ignorance is Bliss
WARRIORS
K.O!
Knowledge is... overrated
Bernal Heights
CORTLAND

BIG MONEY

*"And since life is like a gamble at craps tables
Vegas, I freestyle my destiny, it's not written i
pages."*
-Immortal Technique


GET MONEY
"Live as if you were to die tomorrow. Learn as if you were to live forever." - Mohondas "Mahatma" Gandhi

Faculty and Staff

Science Department
Mark Hurwitz, Anton Krukowski, Eleanor McBride, Don Rizzi, Carrie Maslow, Laralyn Bergstedt, Gillian Ashenfelter, Chinh Nguyen

Technical Arts
Laurel Nathanson, Youssou Fall, Marino Sichi, Mary Anderson, Andrew Kleindolph and David Clifford. Not pictured: Gary Goddard

History Department
Andrew Hammann, Alex Freidus, Kate Wiley, Rebecca Hong and René Villicaña

World Languages
Georgiana Osipova, Luke Alessandroni, Amy Pitsker, MaFe Pulido Duarte, Erika Solis, Regina Liu and Rosa Zapatero

Learning Strategies
Jack Jackson

Front Office
Jen De Forest, Randy Barnett, Barbara Harris, Karen Eshoo, Chris Yin and Chinh Nguyen. Not pictured: Sharon Lee

Math Department
Adam Lupu, Zoya Voskoboynikov, Alex Ruzhinsky, Mike McGarry, Tim Erickson, Mariel Triggs and Steve Simon

English Department
Alex Jospe, Robin von Breton, Thelonious Johnson, Emma Katznelson, Jennifer Selvin, Jenny Nauss and Tamara Pellicier. Not pictured: Randy Barnett

Body-Mind Education
Jim Bell, Marisol Sullivan, Maurine Poppers, Erin Merk and James O'Dowd

Visual and Performing Arts
Robert Sanborn, Kate Boyd, Goranka Poljak-Hoy, Cliff Mayotte, Giselle Chow, Marty Stoddard and Oleg Osipoff. Not pictured: Mark Hanson, Patrick Cashman and Zoe Fyfe

The Center
Head Of School Al Adams, Sanlin Cory, Ravi Lau and Eva Frank.
Not pictured: All of you

Athletic Directors
Eliot Smith and Coach Eliot Smith.

Faculty and Staff

Development Office
Ann Maisel, Karen Levitas, Rachael Brown, Nancy Kehoe and Lillian Gardiner. Not Pictured: Mary Rose

Admissions
Nate Lundy, Laura Creager, Christy Godinez and Lisa Wu

Business Office
Rick England, Emily Fung, Cynthia Yu and Wilson Hong

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Mao Nguyen, Lissa Crider and Thu Nguyen

College Counseling
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Facilties Maintenance
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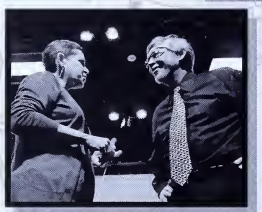
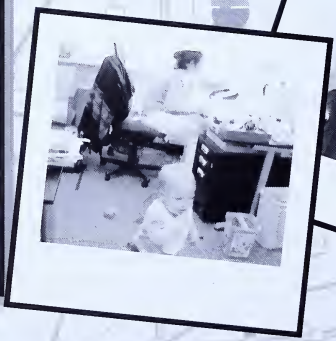
Technology
Senior Advisor Robert Sanborn, Jonathan Mergy and Charlie Casey

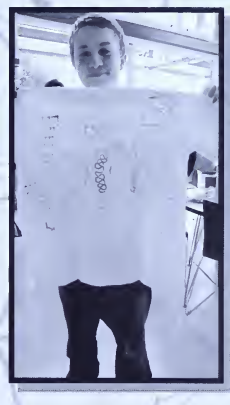
Cafe Staff
Luis Us Uc, Pepe Ramirez, Solana Diaz, Melanie Burkett, Aaron Herrington, Tehran Clark

Visitors to L-W





L-W Spirit Week



Congratulations

We wish you

Class of 2009!

all the best!

The Lick-Wilmerding
Board Of Trustees

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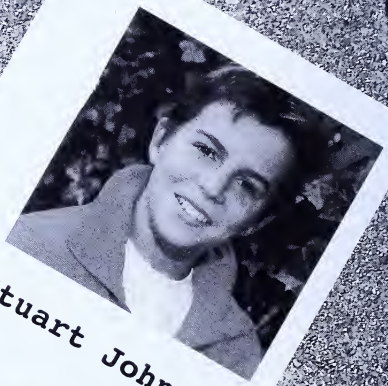
Missing Seniors

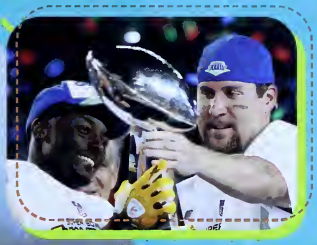


Stuart Johnson

HOWTH

Myles Tanous

08 09 A Year In The Life



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Headline News

Housing Crisis

The housing market hit crisis status in 2008. With the rise in unemployment, one in 10 homeowners was at least one payment behind on their mortgage or in foreclosure. Nationwide, median home prices fell more than 11 percent to $183,000—the largest year-over-year drop on record since 1968.

Billion-dollar Bailout

The U.S. Senate sparked intense debate when it approved a $700 billion plan to rescue Wall Street. The bailout came in response to months of retail sales decline, home foreclosures and record drops in the stock market (dropping 777 points on September 29). Worldwide $30.1 trillion of global stock market value was lost.

Americans Ditch Cars

With a recession in full swing and commuters concerned about record gas prices, drivers traded their cars for bikes. The Federal Highway Administration reported that Americans drove 9.6 billion fewer miles over the previous year. With consumers buying fewer cars, the big three American automakers felt the pinch. Seeking relief, they asked for and received a $13.4 billion piece of the federal bailout originally intended for Wall Street.

Hurricane Ike Hits Texas

Thousands of residents evacuated coastal and inland areas of Texas in preparation for Hurricane Ike, which turned out to be the third most destructive hurricane ever to hit the U.S. The early evacuation efforts (put in place after Hurricane Katrina) undoubtedly saved thousands of lives.

Energy Independence

The U.S. Congress agreed with President Bush's decision to lift the almost 20-year ban on offshore drilling operations. The high price of crude oil as well as the strategic importance of energy independence led to the decision.

U.S. Troops

After more than five years of war, plans to reduce the presence of U.S. troops in Iraq were moved forward. A new agreement between U.S. and Iraqi officials was ratified, outlining the withdrawal of U.S. troops by 2011. At the same time, in Afghanistan there were 31,000 U.S. troops, and that number is expected to double in 2009.

Cleared for Takeoff

It's official—Delta bought Northwest Airlines for $3.1 billion, creating the world's largest airline. The combined new airline now serves more than 390 destinations in 67 countries. It is expected to generate about $35 billion in yearly revenue and employ 75,000 people.

Winning against Cancer

New diagnoses and deaths from cancer both fell for the first time in the U.S. according to the National Cancer Institute's 2008 report. The overall death rates fell for the most common cancers, dropping .08 percent annually from 1999 to 2005 for both men and women. While overall cancer rates decreased, lung cancer remains a concern in the Midwest and the South. Both areas have yet to adopt anti-smoking laws that ban smoking in public places or to increase taxes on cigarettes.

Crisis in Gaza

The long-standing conflict in Gaza rose to war when hundreds of civilians lost their lives and thousands were injured in airstrikes and mortar shell attacks waged separately by the Israeli military and Hamas militant groups. Hamas is listed as a terrorist organization by the U.S. and many other Western nations. In January 2009, Israel withdrew its troops and the Hamas groups declared a cease-fire, ending the three-week war; however tensions between the two sides remain high.

Obama Elected 44th President

In a historic moment, 47-year-old Barack Obama, a freshman senator from Illinois, became America's first African-American president. In addition to shattering 200 years of history, he became the fifth youngest president ever when he was sworn in to office on January 20, 2009. In his inauguration speech, President Obama delivered a message of bipartisan hope and expectation to a crowd of over one million people in Washington D.C. and to millions more via television and the Internet.

Cease Fire

Following a short yet destabilizing conflict, the governments of Georgia and Russia signed a U.S. brokered cease-fire, which required all Russian troops to withdraw to their pre-invasion positions. The invasion was in response to Georgian suppression of Russian supported separatist rebels in the breakaway region of South Ossetia.

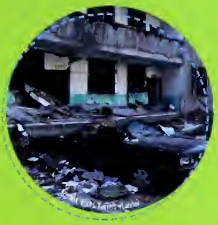
© LERAN GABECHADZE/Reuters /Landov

© BRENDAN MCDERMID/Reuters /Landov

Prepared for Landing

In January 2009, US Airways' Pilot C.B. "Sully" Sullenberger prepared for impact less than 90 seconds after taking off from LaGuardia International Airport in New York, as Flight 1549's engines went out after hitting a flock of birds. The pilot decided the safest place to land was in the icy waters of the Hudson River. Pilot Sullenberger's skill and quick response saved the lives of all 155 passengers.

© Reuters /Landov



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Earthquake Rocks China

A 7.9 magnitude earthquake rocked southwest China leaving 4.8 million people homeless. More than 60,000 people were injured while over 20,000 people lost their lives. To help rebuild the livelihoods, schools and basic services the area needs, several United Nations agencies have set up continuing operations in China.

$50 Billion Fraud

The former chairman of the Nasdaq Stock Market, Bernard Madoff, was charged with running a $50 billion Ponzi scheme, in one of the biggest fraud cases in history. Madoff could face 20 years in prison and a $5 million fine if convicted. Madoff's actions may have cost some of the largest financial firms in the world hundreds of millions of dollars each.

© BRENDAN MCDERMID/Reuters /Landov

Adventurer to the End

Almost 13 months after adventurer Steve Fossett disappeared in a single-engine plane over Nevada and a year to the day since the search was called off, hikers found his airplane and remains in the Sierra Nevada Mountains. Fosset holds many world records including being the first person to fly solo nonstop around the world in a hot air balloon.

Mumbai Targeted

Over three days in November, India's city of Mumbai was attacked by terrorists, allegedly backed by a Pakistani-based Islamic militant group. Over 160 people lost their lives in the planned attack which targeted India's financial center.

© ARKO DATTA/Reuters /Landov

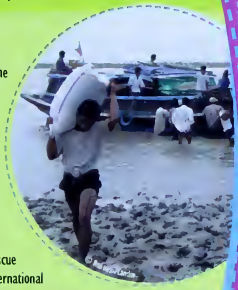
© ISSEI KATO/Reuters /Landov

Goodnight Nighthawk

After three decades of exemplary service as the first aircraft in history to successfully make use of stealth technology, the F-117 Nighthawk was retired at a private military ceremony. The "Stealth" gained notoriety through now famous camera footage of its precision performance in Desert Storm in the early 1990s.

Myanmar Devastation

A massive cyclone hit the small country of Myanmar in May 2008, tallying an eventual death toll of over 100,000 people. The military government of Myanmar initially refused foreign aid and asserted that it could handle all relief and rescue efforts. According to International Red Cross reports, the lack of immediate international support most likely cost thousands of lives.



© Reuters /Landov

An Election to Remember

The nation witnessed several history-making events during the 2008 presidential election.

Alaskan Governor **Sarah Palin** became the first female Vice Presidential candidate for the Republican Party.

© Reuters /Landov

© Reuters /Landov

New York Senator **Hillary Clinton** made a run at America's number one seat as a candidate in the Democratic primary. After withdrawing from the race, Clinton went on to accept the role of Secretary of State in President Obama's administration.

Voters turned out in record numbers with over 133 million Americans showing up at the polls. Social networking websites like YouTube, MySpace and Facebook played a major role in yielding the highest turnout in 40 years.

© Reuters /Landov

President Obama's inauguration was visible from space. Satellite images showed the record-breaking 1.8 million people gathered on the National Mall in Washington, D.C. to be a part of the historic event.

Test Your Presidential Knowledge

1. **What is the name of the President's office?**
   a. Square Office b. Oval Office
   c. Circular Office d. Presidential Office

2. **The President often flies on a plane provided by the Air Force. What is the name of the plane?**
   a. Whitehouse Air b. President's Plane
   c. Air Force One d. U.S. Force One

3. **Which state has yielded the most U.S. Presidents?**
   a. Illinois b. Texas
   c. New York d. Virginia

© GES Photo/Photo Disc

Answers: 1. b 2. c 3. d

Headline News

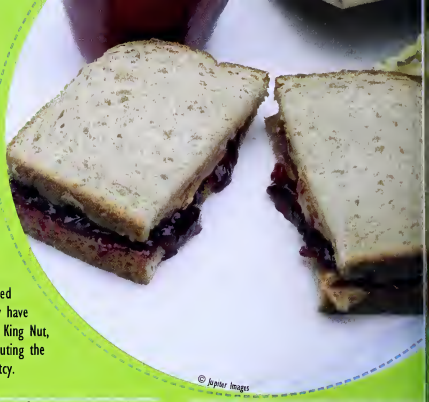
© MARK F. OLIVERI/The Washington Times /Landov

Kennedy Diagnosed with Cancer

Senator Edward "Ted" Kennedy was diagnosed with a malignant tumor after suffering a seizure. The tumor was located in the 76-year-old politician's left parietal lobe, near the top of his brain. Recommended treatment included a combination of radiation, chemotherapy and surgery to remove as much of the tumor as could be safely done without harming the senator.

Peanut Butter Recall

An outbreak of salmonella traced to tainted peanut butter products prompted President Obama to order a complete review of the U.S. Food and Drug Administration process. The contaminated products sickened 529 people in 43 states and may have led to the deaths of nine people. King Nut, the company charged with distributing the products filed Chapter 7 bankruptcy.


© Jupiter Images

Ivory Legally for Sale

For the second time in nearly two decades, ivory was offered for sale legally. According to the watchdog group CITES, the United Nations-approved ivory sales will be followed by a resting period of nine years to safeguard elephant stocks. The group reported that the elephant population has increased in recent years and the animal is no longer threatened with extinction. The amount of ivory for sale was equal to the yield from 10,000 or more elephants.

© [illegible] MASCHTANE/Auriens /Landov

Smart Ride

© [illegible] /Landov

Washington rolled out America's first high-tech bike-sharing program this year. SmartBikes come with key-card locking systems and tracking devices to prevent theft. Denver and Minneapolis launched bike-sharing programs in the summer, with Chicago, San Francisco, Seattle, Portland, Oregon and Arlington, Virginia making plans for the near future.

Torch Relay Ignites Protest

Thousands of protesters turned out after the Olympic torch flame arrived in San Francisco, waving flags and signs with sayings like "No human rights, no Olympics." Protestors cited China's actions on Tibet, its policies in Darfur and human rights violations against Chinese citizens. Around the world, similar protests delayed the torch's progress.

© ABRICHER NADHIKAL/Polaris Images

© [illegible] BOUCK/Polaris Images /Landov

Clinton Endorses Obama

After 17 months of campaigning against him, Senator Hillary Clinton officially conceded victory to Barack Obama. Clinton repeatedly called on her supporters to unite behind her former opponent. Even though her campaign was not successful, Senator Clinton paved the way for a woman to win the White House in the future.

© BARRY SWEET/Landov

Dam in Grand Canyon Bursts

In August 2008, a remote dam in the Grand Canyon region burst, leading to the evacuation of hundreds of residents, campers and visitors. The waterlogged dam burst after a torrential rain accumulated eight inches in two days. The flooding waters poured into Cataract and Supai Canyon, washing out some hiking trails and footbridges.

China Tackles Quake Lakes

In the aftermath of China's massive earthquake, as many as 35 "quake lakes" were formed, threatening to flood surrounding villages. In an attempt to drain the lakes, Chinese troops deployed tons of earth-moving equipment and explosives to clear debris and create a spillway to relieve water pressure. Just one of the so-called quake lakes held nearly 130 million cubic meters, equal to about 50,000 Olympic-size swimming pools.

© [illegible] /Landov

Space Travel

© [illegible] /Landov

Traveling to space is a childhood dream for many people and soon they could achieve it. Virgin Galactic, owned by billionaire Richard Branson, unveiled plans for their suborbital spaceliner. Test flights began in the summer of 2008. Tickets are being offered for an initial price of $200,000.

In the Doghouse

Killys, a 70-pound pit bull, went for a joy ride that started and ended at an Oklahoma car wash when he was left alone in a car and accidentally slipped it into reverse. After crossing the highway and hitting a curb, the car turned and circled back to the car wash. The dog couldn't quite reach the brakes and crashed into the side of the building. No one was injured and the police officer on the scene let the bewildered dog off with a warning.

Medal of Honor

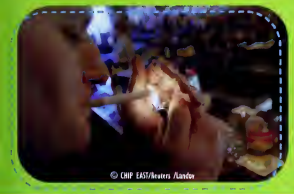
Army Master Sgt. Woodrow "Woody" Keeble was awarded the Medal of Honor nearly 26 years after his death for his heroic efforts during the Korean War. Keeble was the first full-blooded Sioux Indian to receive the honor and the 10th person to receive the medal from President Bush. Keeble's family, fellow soldiers, tribal members and four U.S. senators lobbied for years to approve the nomination.

© Photo Courtesy of U.S. Army

© /PA Photos /Landov

Fishy Business

Beth Nudelman quickly notified officials of their mistake when she received voter registration material for her deceased goldfish, Princess. The paperwork sent to "Princess Nudelman" likely came from the Women's Voices, Women Vote project, which sent nearly 1 million mailings to Illinois households using a list that mistakenly included pets.


© CHIP EAST/Reuters /Landov

© DAVID GRAY/Reuters /Landov

Extreme Thin Outlawed

French lawmakers presented a bill banning the glamorization of extreme thinness. The bill recommends fines of up to $71,000 and three years in prison for people or businesses that promote extreme thinness. If the bill passes, the law would be the strongest of its kind anywhere in the world.

Hands On

The American Heart Association announced that the "hands on" CPR method works just as well as the mouth-to-mouth technique in most cases of cardiac arrest. The announcement will hopefully encourage hesitant bystanders to step forward to provide life-saving CPR in critical situations.

© Reuters /Landov

Smoking Genes

Scientists identified genetic variations that raise the risk of lung cancer in smokers. The research also revealed evidence to suggest that these variations could make carriers more addicted to tobacco.

Russian Blue Wins

A 1.5-year-old Russian Blue cat named Blade Runner won Best in Show at the CFA-Iams Cat Championship in New York. Over 248 cats in 41 breeds competed for various honors throughout the event. Blade Runner became the first Russian Blue to win the title.

© CHRIS GOLDBERG/Reuters /Landov

© MARIANNE BOLANTE/Reuters /Landov

Warm the Heart

A recent study suggests that people view others more positively when they're holding something warm, like a cup of coffee or cocoa. The experimenters suggest that the connection between heat and emotion is a result of early associations in childhood.

Pirates Hijack Tankers

In the largest modern-day case of piracy on the high seas, pirates seized a massive Saudi-owned oil supertanker loaded with crude oil and carrying 25 crew members off the Kenyan coast. The hijacking was one of several attacks this year by Somali pirates seeking ransoms. After taking over the vessel, the pirates took it to a Somali port that has become a haven for bandits and seized ships.

© Reuters /Landov

Economic Ups & Downs

With the economy in turmoil, unemployment rose to 7.2 percent. More than 2.6 million jobs were lost in 2008, the highest number since World War II.

© MATTHEW STAKER
Hazenberg News /Landov

© Reuters /Landov

Starbucks, the reigning king of coffee, announced that it would close 600 stores. With increased competition from McDonald's and Americans making financial sacrifices, the coffee chain faced an uncertain future.

© ALFREDO PENELONC /Landov

Despite economic instability, Google chose to keep employee perks, like ping pong and free lunches, as other companies slashed costs and benefits. Google maintains that their laid-back atmosphere leads to devoted and focused employees.

© LAURA A. OGANDO /Landov

Many teens were not troubled by the economic crisis. In a survey of 769 high school students, 8 percent owned an iPhone and 22 percent expected to buy one in the next six months.

Test Your Election Knowledge

1. **A third party candidate won the presidential election in 1984.**
   True or False

2. **How many electoral votes are necessary to win the presidential election?**
   a. 270 b. 51
   c. 1776 d. 102

3. **Your right to vote can be taken away.**
   True or False

© CARLOS BARRIA/Reuters /Landov

Answers: 1. False 2. a 3. True

Planet Earth

© Photo courtesy of Shell Oil Company

Teens Take Title

A high school team from Mater Dei High School in Evansville, Indiana beat out students from 23 universities to take the Shell Eco-marathon grand prize for designing, building and driving a vehicle that went the farthest distance using the least amount of fuel. The three-wheeled combustion engine car achieved an amazing 2,843.4 miles per gallon. The students won $10,000 for their invention.

© NASA/ Ames Research Center, Moffett Field, California

Trash to Gas

The high price of gas in 2008 put a spotlight on the study of alternative fuel sources. In America, at the University of California at Davis, engineers repurposed table scraps into bio-gas. In similar studies in the United Kingdom and Japan, jellyfish, spoiled milk and confectionary waste were all given new life as alternative fuel sources.

Run Green

Did you know that a running shoe can last 1,000 years in a landfill? Brooks® has designed a shoe that reduces your carbon footprint—literally. The shoe features a new kind of midsole called BioMoGo, which degrades 50 times faster than a standard running shoe. Brooks® estimates that its green footwear will reduce 30 million pounds of landfill waste over a 20-year period.

© Courtesy of Brooks Sports

© Kiriu Hajime

Farms of the Future

In the future, farms could rise straight into the air resembling skyscrapers instead of sprawling acres of land. "Vertical" farming presents many advantages over traditional farming, mainly growing more food on less land. Currently, it takes a plot of land as large as Virginia to grow enough food for approximately 8 million people.

Stone or Glass?

Add countertops to the list of eco-friendly products. BottleStone, a Los Altos Hills company that makes ceramic stone countertops out of recycled glass, walked away with the $100,000 prize from the CleanTech Open, a contest showcasing the newest innovations in the world of sustainability. The company said that zero emissions are created in the production of the new surface material, yet the glass countertops are as strong as concrete and cost less than marble or granite.

© Kazuyoshi Nomachi

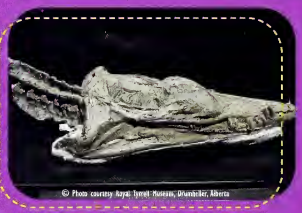
Tejon Ranch Protected

Conservationists and developers in California reached a historic agreement that will permanently protect the Tejon Ranch, 240,000 acres of land just north of Los Angeles. The newly protected area provides a critical habitat to many wildlife species. The strong support for environmental conservation is a sign of the times and will guarantee public access for generations to come.

Bird, Mammal or Reptile?

© NICK GARBUTT/Nature Picture Library

One of the most curious animals on the planet, the platypus, has a duck's bill, mammal fur and snake-like venom. Scientists mapped its genetic makeup, which indicates that this strange looking creature is, in fact, a little bit of all three—bird, mammal and reptile.


© Photo courtesy Royal Tyrrell Museum, Drumheller, Alberta

Ancient Sea Creature Discovered

A new group of plesiosaurs, a reptile species that swam in ancient seas, was discovered in North America. The plesiosaurs roamed during the Jurassic and Cretaceous periods—about 65-205 million years ago. This find represents one of the oldest and most complete skeletons of a prehistoric aquatic reptile ever discovered in North America.

© Courtesy of Sustainable Dave

Sustainable Dave

Cameraman Dave Chameides embarked on a study to reduce waste. To showcase his effort he saved all of his trash for one year—only 30.5 lbs. In comparison, the average family throws away 1,700 lbs. of trash annually. Chameides conducts seminars and writes a sustainability blog teaching that "no one can do everything, but everyone can do something."

© Courtesy of BottleStone

Earth Invades Mars

Usually we think of Martians invading Earth but it looks like Earthlings will make contact first. In May 2008, NASA's Phoenix Lander arrived on Mars and for the first time discovered ice on the Red Planet.

© NASA /Lander

© NOAA

Shipwreck Treasure

Geologists searching for diamonds off the coast of Africa discovered a treasure far more rare—a shipwreck loaded with gold and silver coins, as well as ivory and cannons used to fend off pirates. The ship is thought to be around 500 years old, dating back to the time of Vasco de Gama and Christopher Columbus.

© DIDIER SAULNIER/Kazuyoshi Nomachi /Landov

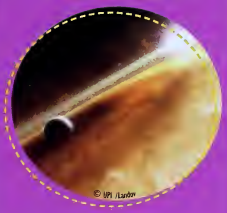
Running on Air

Zero Pollution Motors, together with automaker MDI, plans to produce an affordable, environmentally-friendly car powered by air. While it won't run like a sports car, it can reach speeds of 35 miles per hour for 60 miles on a tank of compressed air, a sufficient distance for 80 percent of consumers to commute to work and run errands. On highways, it can cruise at interstate speeds for 800 miles with a small motor that compresses outside air to keep the tank fueled. Vehicle sales are slated for 2011.

Quarter-Sized Slither

A U.S. scientist discovered the world's tiniest species of snake, measuring only four inches long, on the island of Barbados in the Caribbean. Out of 3,100 known snake species, the newly named Zootaxa snake is so small it can curl up to the size of a quarter.

© S. Blair Hedges (Penn State)


© UPI /Landov

Super Earth Planets Discovered

Astronomers discovered 45 "super Earth" planets, indicating that one-third of all stars have a solar system in orbit with planets similar to Earth in size. Don't hold out for tiny green men, these planets orbit close to their stars (measuring mean temperatures of 354 degrees Fahrenheit) and cannot harbor life.

Colossal Carats

A potentially record-breaking diamond, totalling 478 carats, was found in the small southern African country of Lesotho. Although not the largest diamond found to date, this particular stone is valued for having the highest possible color rating for a white diamond and its potential to produce a polished stone of over 100 carats—now that's a rock!

© GEN PHINGAS/PA Photos /Landov

Eye on the Environment

Around the globe, evidence of climate change continued to make news.

In 2008, a 160-square mile chunk of Antarctic ice—seven times bigger than Manhattan—broke away, placing more glacial ice at risk.

© KONRAD SEFERIN/RCI /Landov

Carbon dioxide is entering the atmosphere at a faster rate than plants and oceans can absorb it.

© MICHAEL DOW BRANCHETTI /UTAH DIVISION OF AIR QUALITY /Landov

More than a million species face extinction due to climate change including the polar bear, which in May 2008 was officially added to the list of endangered species.

© B & C WEERINGER/Photoshot /Landov

Some scientists warn that sea levels could rise as much as 23 inches by the century's end. Rises of just four inches could flood many South Sea Islands and swamp large parts of Southeast Asia.

© Bartel Jess /Landov

Elusive White Whale Spotted

A rare sighting of a white killer whale had biologists running for their cameras. The scientific team on board the Oscar Dyson spotted the nearly mythical creature off of Alaska's Aleutian Islands. According to the research biologist who snapped a photo of the animal's back and fin, it was the equivalent to finding a "needle in a haystack."

© UPI /Landov

© ROGER L. WOLLENBERG/UPI /Landov

Find at Ferry Farm

George Washington's boyhood home was discovered at Ferry Farm, along the Rappahannock River near Fredericksburg, Virginia. The exciting find revealed many artifacts that could have been used by Washington while he lived on the farm from 1738-1754. Archaeologists were able to piece together the home's structure, making it possible to build a replica.

© Reuters /Landov

Solar Wind Source Found

With the help of images shot from the Hinode space observatory, scientists pinpointed the source of the stream of particles that make up slow solar wind. Astronomers knew where fast solar wind originated but knew little about slow solar wind. Now scientists know that it comes from the region above the Sun's equator allowing them to better understand the dynamics of space weather and solar storms.

Under the Sea

A marine survey revealed thousands of discoveries from beneath the surface of the sea, including a city of starfish and a carpet of crustaceans. The Census of Marine Life is part of a worldwide project to understand life under the sea. The census is expected to reveal important information about 230,000 known marine species and possibly identify more than 5,500 new species.

Test Your Environmental Knowledge

1. **How much water can you save per day by turning off the faucet while you brush your teeth?**
   a. 8 gallons b. 100 gallons
   c. 20 gallons d. 50 gallons

2. **If every household in the U.S. used recycled paper towels, how many trees would be saved each year?**
   a. 1,000 b. 544,000
   c. 200 d. 200,000

3. **Over one million plastic bags are used per minute worldwide.**
   True or False

© UPI /Landov

Answers: 1. a 2. b 3. True

Tech Topics

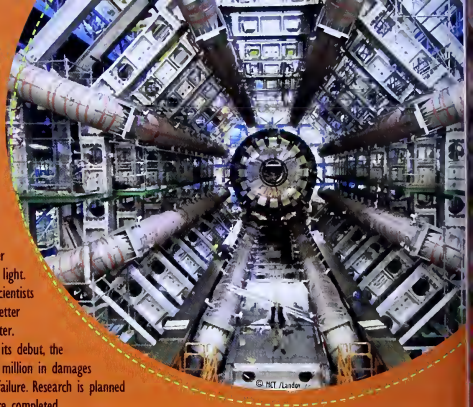
Walk This Way

Discovering new ways to generate energy is a top priority. Kinesiologist Max Donelan from Simon Fraser University invented a device that harvests energy from the simple and routine act of walking. The 3.5 lbs. device wraps around each knee generating five watts of power—enough to charge 10 cell phones.

© Simon Fraser University

Large Hadron Collider

Scientists at the European Organization for Nuclear Research developed the Large Hadron Collider (LHC) that smashes atom protons together at 99.9999% of the speed of light. The $9 billion device allows scientists to test physics theories and better understand the nature of matter. Unfortunately, nine days after its debut, the "atom smasher" suffered $21 million in damages as the result of an electrical failure. Research is planned to resume after the repairs are completed.


© MGT /Landov

© MARO ANZUONI/Reuters /Landov

Get a Life-Form

It's not what "they" will think of next, but what gamers will create in their own video game experience. Spore™, the new game by Will Wright, the creator of SimCity and the Sims, allows players to design their own unique life-form and manage every aspect of its progression through centuries.

Floating Ads

Created by a company called Flogo, these new floating advertisements can take the shape of anything you want—from simple messages to images of superheroes. The "clouds" are made by combining soap-based foams with lightweight gases such as helium. The company uses re-purposed artificial snow machines to create the floating ads which last 30-40 minutes on average and don't pollute the environment.

© SnowMasters

Let's Get Chumby

The newest form of on-the-go entertainment, Chumby connects to your wi-fi to keep you up-to-date on your favorite music, podcasts, celebrity news, videos, games, photos and more. Chumby technology delivers your favorite parts of the Internet, leaving the keyboard and computer behind.

© Photo courtesy of Chumby Industries

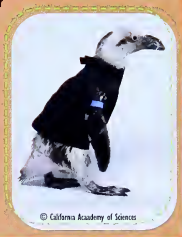
Computer Hears

Dictation software is nothing new but Nuance's Dragon® NaturallySpeaking® 10 is the first program on the market that adjusts for the different ways people speak. The program recognizes eight accents including Australian, British, Spanish and Southern United States and understands basic commands such as "italicize" and "search." Now if it could only do your homework.

© Courtesy of Dragon® NaturallySpeaking®

Back in the Swim of Things

Pierre, a 25-year-old penguin at the California Academy of Sciences, was losing his feathers. Without waterproof feathers penguins cannot survive the cold. An aquatic biologist created a wetsuit for him like the ones humans wear making it possible for him to join his fully-feathered friends.


© California Academy of Sciences

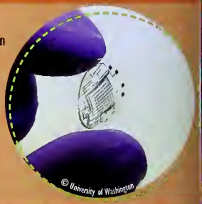
Cuba Gets Wired

Desktop computers, a technology that is considered a necessity in the U.S., became available to Cuba's public market for the first time ever. While few could afford the QTech computers that cost nearly $800, electronic stores throughout Cuba drew crowds of excited onlookers.

© Courtesy of LA Times /Landov

Superhuman Contacts

Soon you may be able to use bionic contacts to zoom in on distant objects, displaying useful facts about what you see. These super-power lenses use tiny light-emitting-diodes (LEDs) powered by solar cells and a radio frequency receiver to display images and information in midair. The invention could prove beneficial to drivers and pilots as well as video gamers by projecting directions and speed within their view, eliminating the need for external screens.


© University of Washington

© STEVE MARCUS/Reuters /Landov

Clean Keys

Seal Shield LLC introduced the world's first fully submersible, dishwasher safe, antimicrobial, glow-in-the-dark keyboard. The Silver Seal Flex™ keyboards have the potential to reduce the risk of getting sick from colds and other communicable diseases.

© JO YONG-HAK/Reuters /Landov

Going Digital

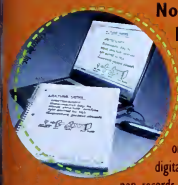
U.S. households prepared for television's final transition from analog to digital. To help consumers absorb the cost of a necessary converter box, the government issued $40 vouchers. The Obama administration sought support from Congress to postpone the transition after the Commerce Department reached its funding limit. The request was passed by the Senate as consumers continued to prepare for the digital switch.

Off the Chain

No need to worry about pinching your finger or getting your pants stuck in a bike chain. Wisconsin-based Trek Bicycle introduced two models of chainless bikes that move using the same technology as motorcycles and snowmobiles. These bikes are low maintenance, environmentally friendly and light weight making them ideal for city commuters.

© The Bicycle Corporation

No Ordinary Pen



The Pulse™ smartpen developed by Livescribe is the latest "it" gadget that transforms an ordinary pen into a digital tool. The high-tech pen records what you hear or say while writing, plays back your recordings and provides visual cues on a tiny imbedded display screen. The information can then be downloaded to your computer for easy editing.

You Play, i.play

Playgrounds in the U.K. are taking on a new look with the i.play system. This breakthrough combines interactive electronics with conventional playground equipment. The system's intelligent design adjusts according to a child's performance to keep them engaged and moving.

© RAP STUDLEY/NE/Reuters /Landov

© MAURIZIO GAMBARINI/dpa /Landov

Goodbye Dentist Drill

It won't get you out of your yearly dental checkups, but the dentist drill could soon be gone. Scientists began development on a formula to allow teeth to re-grow the crystals that make up dentin and enamel; materials that make teeth the strongest element in the body.

Sitting on Cloud 9

Forget sandy beaches, the British have a new way to relax: an acrylic lounger that can hover in midair. The gravity-defying chair developed by Hoverit LTD works by repelling magnetic forces producing the sensation of floating on a cloud.

© Hoverit Ltd/ © Reuters 2006

High-Tech Gift Cards

Retailers went high-tech with gift cards to entice consumers. Best Buy created a card with tiny speakers and a headphone jack allowing users to listen to their favorite music, while Target® introduced a 1.2 megapixel camera gift card. Lucky recipients enjoyed two gifts in one.

© DAVID CHESKIN/PA Photos /Landov

Design for a Cause

Dell unveiled an exclusive gallery of artistic designs that consumers may purchase to personalize their laptop. With every sale, Dell contributes $20 to The Global Fund, a charity helping AIDS patients in Africa.

© TIM CHONG/Reuters /Landov

Bionic Hand

The world's first bionic hand was created by Touch Bionics. The iLimb's revolutionary motorized fingers have the ability to grasp narrow objects and the power to hold heavier objects like coffee cups, giving users more independence.

The Auto Age

One-hundred years ago the Ford Model T was introduced. In the years to follow, vehicle technology and innovation continued to evolve.

The Model T changed the face of transportation when Henry Ford began using the conveyor belt for production, making cars affordable for the masses. Following in its footsteps came the "family utility" vehicles, the station wagon (1947), mini van (1983) and SUV (1990), accommodating the growing needs of busy families.

© dpa /Landov

Hybrid technology emerged as consumers demanded fuel efficiency. Honda's Insight, the first hybrid marketed in the U.S. led the way for many other top automakers to develop their own line of gas/electric vehicles.

© Bloomberg News/Landov

In the Next 100 Years, automakers plan to push automotive technology even farther by promoting eco-chic cars, electrically powered luxury vehicles for drivers who don't want to compromise strong design for environmental friendliness.

© MARIJAN MURAT/dpa /Landov

Test Your NASA Knowledge

Did you know? NASA celebrated its 50th birthday this year. What started in 1958 as a small laboratory with 80 employees is now an agency with more than 17,000 people in 10 centers around the country.

1. **NASA has focused its efforts on a return to the moon, where they intend to _____.**
   a. Someday build a sustainable long-term human presence
   b. Return moon rocks from previous missions
   c. Have a fashion show featuring newly designed space suits

2. **What is the name of the Galaxy in which we live?**
   a. Andromeda b. Milky Way
   c. Galactose d. Alpha Quadrant

3. **Astronauts will soon be able to send and receive emails while in space.**
   True or False

Answers: 1 a 2 b 3 True

The Scoreboard

© SHAUN BEST/Reuters /Landov

Steel-ing the Win

The Pittsburgh Steelers won a record-setting sixth Super Bowl title by defeating the Arizona Cardinals. A game-winning touchdown in the final seconds moved the score to 27-23, giving the Steelers a tension packed last-minute win. Steelers' wide receiver Santonio Holmes was named MVP.

Double-Dutch

Double-dutch is now an officially recognized sport in New York City high schools. A year after cricket was inducted as a varsity sport, school administrators have added double-dutch as a way to increase student participation in competitive sports. Cycling, badminton and netball are also being considered.

© Bob Daemmrich/The Plain Dealer /Landov

© Lucky

© Lucky

Striking Gold at the X Games

Ryan Sheckler, the X Games' youngest street skateboarding gold medalist at age 13 in 2003, struck gold again at the 2008 Games. Female skateboard champ, Elissa Steamer, returned to claim her fourth gold medal.

© TEX HAEGER/Tribune-Review /Landov

Eight is Great

Michael Phelps was the shining star of the 2008 Beijing Olympics, winning eight gold medals, breaking Mark Spitz's record for most gold medals won in a single Olympic Games. Phelps swam 17 times over nine days and broke the world record in four of his five individual swims. His three relay teams also set world records. Phelps' achievements led to *Sports Illustrated* naming him 2008 Sportsman of the Year plus numerous endorsements.

© MIKE BELLEMAN/A Wire /Landov

Serena's Comeback

A backhand shot signaled tennis star Serena Williams' return to glory. With her 6-4, 7-5 victory over Jelena Jankovic at the US Open, Williams regained the No. 1 world ranking, a title she last held in 2003. The gap between achieving No. 1 world rankings is the longest in history for a woman or a man.

Racing Victories

2008 was a year of surprises in car racing, especially for Danica Patrick and Jimmie Johnson. Patrick was in the spotlight, becoming the first woman ever to win an Indy Car race. Johnson won his third straight NASCAR Sprint title, making him one of two drivers in NASCAR history to win three championships in a row in the marquee series. With his win, Johnson tied Cale Yarborough's 30-year record.

© Ryan /Landov

© Joshua /Landov

Celtics Win 17th NBA Title

The Boston Celtics won their first NBA title in 22 years. In Game 6 of the playoffs they won with a 131-92 blowout over the Los Angeles Lakers. The win was also the first for the "Big Three," Paul Pierce, Kevin Garnett and Ray Allen.

Silver Stars Shock-ed

The Detroit Shock swept a three game series over the San Antonio Silver Stars to win their third WNBA title. Katie Smith, Detroit's leading scorer in all three games, was named Finals MVP.

© MANDY MIRANDA/Tribune /Landov

Immelman Grabs Green

Trevor Immelman overcame Tiger Woods and Phil Mickelson with a score of 75 in the final round to win the coveted green jacket at the Masters in Augusta, Georgia. Vijay Singh was the season's overall winner scoring the most points and claiming the FedEx Cup and its $10 million prize.

MIKE BLAKE/Reuters /Landov

Win for Shin

© MANDY BERTSCHY

Twenty-year-old Ji-Yai Shin of South Korea became the first non-LPGA member to win three LPGA events with her win at the ADT Championship, marking her 11th worldwide victory in 2008. The event was bittersweet for women's golf legend Annika Sorenstam who failed to make the cut in her last official LPGA tournament before retirement.

Tiger Tamed

After winning the U.S. Open, golf legend Tiger Woods announced that he had been playing with a leg injury. Despite his injury, Tiger played 91 holes, defeating Rocco Mediate on the 19th hole of the playoff. Woods chose to end his season early to treat his injury. The famous golfer has 65 victories; ranking third of all-time on the PGA Tour with 14 professional majors, making him second only to the record 18 won by Jack Nicklaus.

© Ryoda /Landov

Hole-in-One Times Five!

Amateur golfer Curt Hocker of central Illinois hit five hole-in-ones in one week at the El Paso Golf Club. The 22-year-old, who works in the club's pro shop, has recorded seven aces (five on par-4s) and two other double eagles in the past year. Hocker, along with his friends and family who witnessed his strokes of luck, is mystified by the repeat performances.

© MARK LINDER

MLS Cup Glory

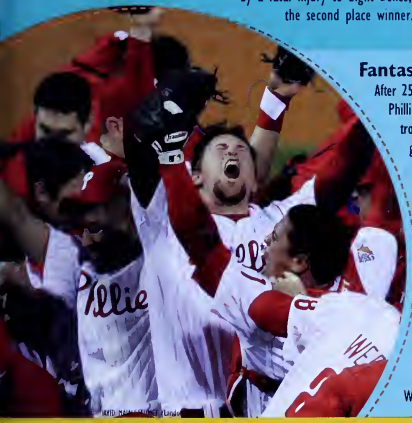
For the first time in franchise history, the Columbus Crew became Major League Men's Soccer champions with a 3-1 win over the New York Red Bulls. League MVP Guillermo Barros Schelotto scored a Cup Final-record three assists to help deliver the championship in only his second season.

Kickin'!

The U.S. Women's Soccer National Team captured the Algarve Cup once again, defeating Denmark 2-1 at Municipal Stadium in Portugal. The team went on to win the 2008 Peace Queen Cup with a 1-0 victory over Canada. The victory marked the second time the U.S. has defeated Canada by a 1-0 score to win the Peace Queen Cup.

Run for the Roses

Big Brown won the 134th running of the Kentucky Derby in a final kick that gave him a 4 3/4-length victory before a crowd of 157,770, the second-largest in history. With this win Big Brown became the seventh undefeated Kentucky Derby winner in history. The victory celebration was eclipsed by a fatal injury to Eight Belles, the second place winner.



Fantastic Phillies

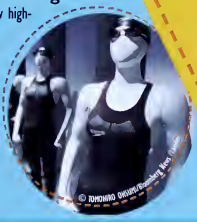
After 25 years, the Philadelphia Phillies' won the World Series trophy. Despite a rain-delayed game, they took down the Tampa Bay Rays 4-3 in Game 5 to win their second World Series title. The team named Cole Hamels MVP. Hamels out pitched Scott Kazmir for a 3-2 win in the opener, then tossed six effective innings before the delay, but never pitched in the final game. Hamels finished 1-0 with a 2.77 ERA in two World Series starts.

Wimbledon Winner

The 122nd Wimbledon Championship concluded with a grand finale, when Spain's Rafael Nadal brought down five-time champion Roger Federer in the longest men's final in the history of the All England Club. Nadal's victory took four hours and 48 minutes of actual playing time.

Science of Swimming

Speedo's LZR Racer, a new high-tech one-piece swimsuit, molds a swimmer's body into an aerodynamic shape, potentially giving swimmers more buoyancy in the water. Several swimmers, including Michael Phelps, debuted the suits at the 2008 Summer Olympics.



Red Wings Capture Cup

After a surprising loss in Game 5, the Detroit Red Wings made a triumphant comeback in Game 6 of the 2008 Stanley Cup Finals, winning 3-2 against the Pittsburgh Penguins. The Stanley Cup win was the fourth for the team in 11 seasons.

Olympic Moments

In August, 204 countries participated in the Summer Olympic Games in Beijing, China and captured the attention of a global audience.

Opening Ceremony - At promptly 8 p.m. on the eighth day of the eighth month of 2008 (eight is considered one of the luckiest numbers in China) millions of people around the world watched the opening ceremony. The extravaganza was a mix of music, artistry and fireworks showcasing China's national pride and 5,000 years of tradition. The $300 million event with a cast of 14,000 raised the bar for future Olympics.

Fabulous over 40

Dara Torres, 41, surprised everyone when she returned to her fifth Olympic Games with teammates nearly half her age. Torres won the silver medal in the 50 meter freestyle sprint final, swimming a personal best of 24.07 seconds, but missing the gold by just .01 seconds.

Bolt Sprints to Win

Jamaican born Usain Bolt took the track by storm with three record-setting runs which all won him gold medals. Bolt now boasts the title "Fastest Man Alive," running the 100 meter dash in 9.69 seconds.

Test Your Baseball Knowledge

Did you know? The catchy jingle, "Take Me Out to the Ball Game," written by Jack Norworth, is 100 years old.

1. **Which Major League Baseball player holds the record for the most homeruns?**
   a. Alex Rodriguez b. Babe Ruth
   c. Barry Bonds d. Hank Aaron

2. **What is the most popular food to eat at a baseball game?**
   a. Pizza b. Hot Dogs
   c. Peanuts d. Cracker Jacks®

3. **How many Major League Baseball teams are there in the U.S.?**
   a. 30 b. 75
   c. 15 d. 102

Answers 1. c 2. b 3. a

Chart Toppers

© FITZROY BARRETT/Landov

Battle of the Davids

David Cook and David Archuleta were the last contestants standing in the 2008 *American Idol* Finale. Cook won the seventh season of American Idol, receiving 56 percent of the 97.5 million votes cast, beating Archuleta by a margin of 12 million.

© MARIO ANZUONI/Reuters /Landov

© GARY HERSHORN/Reuters /Landov

AMA Winners

Chris Brown was the big winner at the American Music Awards taking home three awards including Favorite Male Pop/Rock Artist. Kayne West, Rihanna and Alicia Keys also walked away with multiple awards, while newcomer Taylor Swift was awarded Favorite Female Country Artist.

Good as Gold

The uplifting film *Slumdog Millionaire*, presented partly in Hindi, charmed the Golden Globes judges, who awarded it Best Dramatic Picture. The night's other big winners included Kate Winslet for Best Actress in a Drama for *Revolutionary Road* and Best Supporting Actress for her role in *The Reader*. Mickey Rourke made a comeback in *The Wrestler* winning Best Actor. The HBO television series *John Adams* picked up four awards while NBC's *30 Rock* was named Best Comedy with its star and creator Tina Fey picking up Best Actress in a Comedy and her cast mate Alec Baldwin winning Best Actor in a Comedy.

© HUBERT BOESL/dpa /Landov

© ALBERT L. ORTEGA/UPI/Landov

Juanes Sweeps Latin Grammys

The 2008 Latin Grammy Awards was a night to remember for Colombian rocker Juanes, who took home five awards for Record of the Year, Album of the Year, Song of the Year, Best Short Form Video and Best Male Pop Vocal Album. Newcomer Kany Garcia won Best New Artist and Best Female Pop Vocal Album. Marc Anthony also walked away with the Best Salsa Album award.

John Adams Rules

HBO ruled the 60th Primetime Emmy Awards, winning a record 13 Emmys for its hit mini-series *John Adams*. The first Emmy for outstanding host for a reality or reality-competition program was awarded to Jeff Probst of *Survivor*. *The Daily Show with Jon Stewart* prevailed as outstanding comedy series and CBS's *The Amazing Race* was named outstanding reality-competition program—both show's victories marked a record breaking six straight wins.

© SCOTT HARMS/UPI /Landov

Mariah Moves Up

Chart-topper Mariah Carey broke Elvis Presley's record for No. 1 hits on the Billboard Hot 100 with her 18th hit single, making her second only to The Beatles. The single that broke The King's record comes from her latest album *E=MC²*—a follow up to her best-selling Grammy-winning release, *The Emancipation of Mimi*.

© JOHN ANGELILLO/Landov

© MARIO ANZUONI/Reuters /Landov

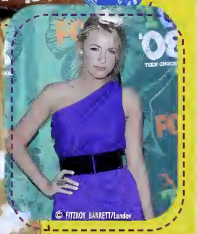
© MARIO ANZUONI/Reuters /Landov

Moon Man Madness

The Video Music Awards gave out the famed moon man trophy to the year's top video performers. Chris Brown won Best Male Video for *With You* and Lil Wayne won Best Hip-Hop Video for *Lollipop*. Britney Spears took home three awards for her *Piece of Me* video winning Video of the Year, Best Female Video and Best Pop Video.

© JIM RUYMEN/UPI /Landov

© JIM RUYMEN/UPI /Landov



© FITZROY BARRETT/Landov

Black Entertainment Television Awards

The 2008 BET Awards was a night of wins for all-star entertainers like Missy Elliott, who won Best Female Hip-Hop Artist and Kanye West, who took home Best Male Hip-Hop Artist. UGK and Outkast won Video of the Year for *International Player's Anthem (I Choose You)*. Heartthrob Chris Brown snagged the Best Male R&B Artist award and Alicia Keys won Best Female R&B Artist.

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© MARIO ANZUONI/Reuters /Landov

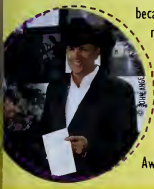
© JIM RUYMEN/UPI /Landov

Surfboard Goes to...

Gossip Girl has six more reasons (in the form of surfboard trophies) to rule the school. The Teen Choice Awards were selected based on over 30 million votes cast online by teenagers who hailed the prep-school drama as their top choice. Chace Crawford and Blake Lively each took home a Breakout Actor Award. The Jonas Brothers also took home six awards: Choice Breakout Band, Choice Male Hotties and Choice Male Red Carpet Icons, Choice Music: Single, Choice Music: Summer Song and Choice Music: Love Song.

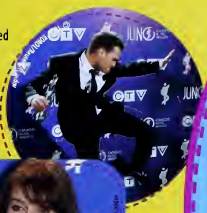
Gone Country

George Strait took home four trophies from the 42nd annual Country Music Awards. To date he has received 22 awards, an industry record. Kenny Chesney picked up his fourth Entertainer of the Year Award, and Brad Paisley won his second Male Vocalist and fourth Music Video of the Year Award for *Waitin' on a Woman*. The night wasn't all about the guys. Carrie Underwood, who also became the newest member of the Grand Ole Opry, snagged her third consecutive Female Vocalist of the Year Award.



Five for Feist

Singer/songwriter Feist was nominated for five Juno Awards and took home all of them, beating out Avril Lavigne and Celine Dion. Feist's awards included Artist of the Year, Album of the Year and Pop Album of the Year for *The Reminder* and Songwriter of the Year for *My Moon My Man*, *1234* and *I Feel it All*. Michael Bublé won the Fan Choice Award and Serena Ryder won New Artist of the Year.



Mega Musicians

According to the *Rolling Stone* list of *100 Greatest Singers of All Time*, Aretha Franklin, the queen of soul, was named No. 1. Ray Charles, Elvis Presley, Sam Cooke and John Lennon rounded out the top five.

Academy Awards®

Slumdog Millionaire emerged the big winner of the 81st Academy Awards, picking up eight Oscars including Best Motion Picture, Best Director and Best Adapted Screenplay. Sean Penn upset sentimental favorite Mickey Rourke in the Lead Actor category, while Kate Winslet won for Lead Actress. The late Heath Ledger won for Best Supporting Actor and Penelope Cruz became the first Spanish actress to win Best Supporting Actress.

People Award Dark Knight

The Dark Knight emerged as the people's favorite in the movie category, winning five People's Choice Awards including Favorite Action Movie and Favorite Superhero. Other winners included *27 Dresses* for Favorite Comedy, *Heroes* for Favorite Sci-fi/Fantasy Television Show and *The Simpsons* for Favorite Animated Comedy. Tina Fey won Favorite Funny Female Star and Ellen DeGeneres won Favorite Talk Show Host. In vocals, Jordin Sparks, Carrie Underwood and Chris Brown all took home awards.

Music's Biggest Night

Robert Plant and Alison Krauss were the big winners at the 51st Annual Grammy Awards. Plant and Krauss received five Grammys, including the night's biggest award, Album of the Year for *Raising Sand* plus Record of the Year, Best Pop Collaboration, Best Country Collaboration with Vocals and Best Contemporary Folk/American Album. The other top winners were British band Coldplay who grabbed three awards and Lil Wayne who received four awards.

Top 5 of 2008

Movies

1. *The Dark Knight* $530,722,000
2. *Iron Man* $318,313,199
3. *Indiana Jones and the Kingdom of the Crystal Skull* $317,023,851
4. *Hancock* $227,946,274
5. *WALL-E* $223,719,052

(According to Box Office Mojo)

Songs

1. *Low*
   Flo Rida Featuring T-Pain
2. *Bleeding Love*
   Leona Lewis
3. *No One*
   Alicia Keys
4. *Lollipop*
   Lil Wayne featuring Static Major
5. *Apologize*
   Timbaland featuring OneRepublic

(According to Billboard Hot 100)

Search Terms

1. Obama
2. Facebook
3. att (AT&T)
4. iPhone
5. YouTube

(According to Google Zeitgeist)

Test Your Music Knowledge

1. At 14 years old, this person was the youngest to ever win a Grammy.
2. With the release of his/her 3rd album, this singer/actor breaks the record for youngest person ever to have three No. 1 albums in two years.
3. At the age of 13, this singing sensation became the youngest person to hit No. 1 on the Billboard music charts.

Answers: 1. Leanna Rimes 2. Miley Cyrus 3. Steve Wonder

The Scoop

Sole Survivor

Thanks to decades of fans who have adopted Converse shoes as part of their rock-star wardrobe the company celebrated its 100-year anniversary. Converse reinvented classic designs in its Century footwear collection to honor its achievement.

Text Mania

Figures show that traditional landlines are becoming a thing of the past. The cell phone is increasingly important, especially for tweens and teens whose personal style is expressed with cell phone accessories and whose communication revolves around email and text messaging. According to Neilson ratings, the average teenager texts 1,742 times per month—that's an average of 58 times per day!

Tough Guys Rule

"Tough Guy TV"—reality shows chronicling the lives of men in life-threatening professions, from king crab fishermen to ice road truckers to adventurers relying on survival skills in the wilderness, is dominating the airwaves. This new genre has audiences riveted with its realism, documentary-style format and unpredictable action. The Discovery Channel's shows *Deadliest Catch* and *Man vs. Wild* are among cable TV's highest-rated unscripted series.

100 Years of FBI

Established in 1908 by the Attorney General, the Federal Bureau of Investigation started with only 34 special agents. Today, the FBI, headquartered in Washington D.C., employs over 30,000 people including more than 1,200 special agents and over 18,000 professional support staff in offices around the world.

Box Office Gold

Disney's *High School Musical 3: Senior Year* banked $42 million in its opening weekend. The big screen sequel to the Disney Channel TV movies, starring Zac Efron and Vanessa Hudgens, beat the previous record for best opening weekend of $27.8 million set by *Mamma Mia*.

Long Overdue

A library book checked out from a Tulsa, Oklahoma high school in 1947 was returned 61 years later. The book, *New World Analysis: Or, School Etymology of English Derivative Words* was discovered by the woman who had originally checked it out when she was cleaning her home. She sent the book back to the library with a note and a check for $250 to cover any late charges.

Superhero Fans Rejoice

Forty-five years after it was created by Stan Lee and Jack Kirby, X-Men fans celebrated the 500th issue of the popular comic book. The anniversary was marked with a surprise move: the outcast heroes left their Westchester, New York mansion for San Francisco.

Dark Knight Shines Bright

The *Batman* sequel *The Dark Knight* earned $314 million in just 10 days, making it the fastest film to earn $300 million. The previous record was held by *Pirates of the Caribbean: Dead Man's Chest*, which reached $300 million in 16 days.

Thank You Mom

Mother's Day turned 100 in 2008. The U.S. Census Bureau estimates that there are 83 million mothers who celebrate Mother's Day. The National Retail Federation estimates that Americans spend $15 billion a year honoring their mothers; however, the holiday is celebrated in 52 countries around the world.

Fabulous Fashion Finale

After a season filled with drama and over-the-top fashion, soft-spoken Portland, Oregon designer Leanne Marshall was named the winner of Bravo's hit reality show *Project Runway* hosted by supermodel Heidi Klum. Marshall beat out contestants Korto Momolu and Kenley Collins to win the $100,000 grand prize to start her own line and the opportunity to sell her collection on Bluefly.com. The series finale was the first time in the history of the show to feature an all-female lineup.

Tina Fey Impersonates Sarah Palin

Actor and comedian Tina Fey returned to *Saturday Night Live* to portray Republican vice presidential candidate Sarah Palin. In the skit, Fey debated Amy Poehler, who played Senator Hillary Clinton. Fey's depiction of the Alaska governor generated so much attention that the real Sarah Palin appeared twice on the show.

Facebook safeguards

Social networking site Facebook added more than 40 safeguards to protect its users from cyber bullies and online predators. Precautions included banning sex offenders and limiting adult-user access to profiles of users under 18 years old.

© MARTIN KEENER/Photo /Landov

Feathers Fly!

© EDWIN MONTILLA/Reuters /Landov

The first World Pillow Fight Day brought thousands of people together turning 35 cities into playgrounds. The event's intent was to promote creative uses of public spaces and the power of a shared common goal. Plus, it was a lot of fun!

Lights Out for TRL

© JOHN ANGELILLO/Landov

MTV's famed countdown show, *Total Request Live (TRL)*, aired its final episode in New York City. The show debuted in 1998 and boosted the careers of superstars like Justin Timberlake, Christina Aguilera and Destiny's Child. Beyoncé gave a show-stopping performance during the show's finale.

Vacation Idol

The new *American Idol* attraction at Disney's Hollywood Studios in Lake Buena Vista, Florida is similar to the Fox singing competition—allowing theme park guests to show off their singing skills by auditioning and performing before a live studio audience.

© Disney Enterprises, Inc. /Landov

A Toy for the Imagination

Despite all the fancy high-tech toys available, nature's own stick was inducted into the National Toy Hall of Fame this year. Toy experts selected the stick because of its versatility, natural ingredients, appeal to the imagination and it's free. More traditional inductees this year included the baby doll and skateboard.

© Strong Museum, National Museum of Play, Rochester, New York

Say Papaya

© DUANE STORK/AGNICT /Landov

As if ice cream wasn't good enough, scientists are working on a way to make your favorite flavor extra velvety smooth. Using gelatin and papaya protein, a University of Wisconsin researcher developed an "edible antifreeze" that prevents ice crystals from forming in ice cream, so that it stays creamy and smooth with every bite.

© Xinhua /Landov

Get Smart ... Feed the Hungry

Sixth-graders in Indiana have no shortage of motivation to learn new words. When students play a vocabulary game at FreeRice.com, 20 grains of rice are donated to the World Food Programme for each correct answer. Eight thousand miles away, students at Palwong Elementary in northern Uganda receive a nutritious lunch. The game has generated 28 billion grains of rice ... that's enough food to feed more than 1 million people for one day.

Trend Watch

This year's fashions reflected the style of the 80s. From the runway to the real world, here's a look at some of the popular trends.

Patent Leather handbags, shoes and belts added shine to outfits from coast to coast.

© MARK CONVELSON/NETLAND

Skinny Jeans were paired with a variety of footwear. Girls wore them with knee-high boots, flats or platform sandals while guys wore them with tennis shoes or motorcycle boots.

Eco-wear Collections from designers and clothing manufacturers such as Levi's introduced products made from organic cotton and other earth-friendly materials.

© BARRY KING/Landov

Metallics added glamour to accessories, shoes, jeans and dresses.

© MARK CONVELSON/NETLAND

Technicolor Fashion had clothes covered—from dresses, tops and leggings to jewelry, shoes and other accessories.

© DONNA E. MATALE PUNKLINCT /Landov

Test Your Gaming Knowledge

1. **What was the top selling game of 2008?**
   a. Super Smash Bros. b. Wii Play with Wii Remote
   c. Grand Theft Auto IV d. Madden NFL 09

2. **How many characters participate in each Mario Kart race?**
   a. 9 b. 16
   c. 2 d. 12

3. **Guitar Hero makes several references to what movie?**
   a. *This is Spinal Tap* b. *Edward Scissorhands*
   c. *The Goonies* d. *Beetlejuice*

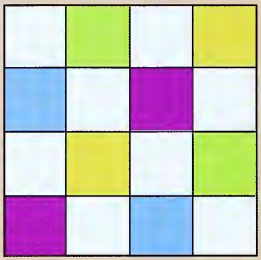
© MARK ELIAS/Bloomberg News /Landov

Answers: 1. b 2. d 3. a

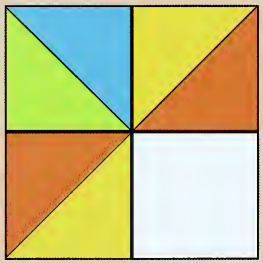
Fun & Games

BRAIN TEASERS

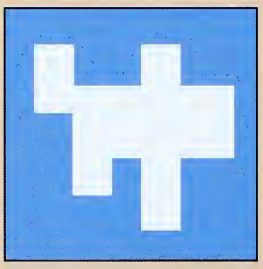
1. How many squares can you count?
   a. 16
   b. 20
   c. 31
   d. 36



2. Which image belongs in the empty square?
   a.
   b.
   c.
   d.



3. Which image fills the space?
   a.
   b.
   c.
   d.



COMMONYMS

What does each group of words have in common?

Example:
Olympics • Leap Year • Presidential Elections They happen every 4 years

1. Index • Pinky • Ring _____
2. Door • Painting • Eyeglasses _____
3. Picnic • Pool • Coffee _____
4. Ball • Salad • Coin _____
5. Dog • Cat • Gold _____

WORD SCRAMBLE

Unscramble the words below. The answers can be found throughout Zoom. Use the highlighted letters from each word to answer the final scramble below.

1. MAAKHOOL
Home to a driving dog

2. IOBGMOO
An item to lighten your carbon footprint

3. JIGBIEN
A golden city for Michael Phelps

4. AACDNI RCKAIPT
First female to win in her profession

5. OERHSMT
A day held in their honor turned 100

He was voted TIME's 2008 Person of the Year

ANSWERS:
Brain Teasers: 1. c 2. b 3. d
Commonyms: 1. They are fingers 2. All have frames 3. They are tables 4. They can be tossed 5. They are fish
Word Scramble 1. Oklahoma 2. Biomogo 3. Beijing 4. Dancra Patrick 5. Mothers
Final: Barack Obama

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Tilburg
Breda

FOLDER
SEEK-TRACK
TEXT
Life touch